

CURRICULUM VITAE
MERLA DIANE LOUGHEED
B.Sc., M.D., M.Sc., FRCP(C)

Personal Information

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Home Address: 21 Hill Street, Kingston, Ontario K7L 2M4
Place of Birth: Kitchener, Ontario
Date of Birth: 1961 April 12
Citizenship: Canadian
Marital Status: Married, 3 children

Education and Professional Qualifications

1983 B.Sc. (Human Kinetics) with distinction, University of Guelph
1986 M.D., McMaster University
1999 M.Sc., Department of Community Health and Epidemiology, Queen's University
1987 Licentiate, Medical Council of Canada
1991 Fellowship of the Royal College of Physicians and Surgeons of Canada
1992 Certificate of Special Competence in Respiratory Medicine, Royal College of Physicians and Surgeons of Canada

Post-graduate Medical and Research Training

July 1986 to June 1987 Intern, Internal Medicine, McMaster University
July 1987 to June 1988 Resident II, Internal Medicine, McMaster University
July 1988 to Dec 1988 Chief Resident, Internal Medicine, McMaster University Medical Centre
Jan 1989 to Dec 1989 Postgraduate Scholar, Depts. of Respiratory Medicine and Intensive Care, Sir Charles Gairdner Hospital, University of Western Australia, Perth, Australia
Jan 1990 to June 1990 Resident III, Internal Medicine, McMaster University
July 1990 to May 1992 Training Resident, Respiriology, Queen's University
Nov 1992 to July 1993 Clinical Research Fellow, Division of Respiratory & Critical Care Medicine

Awards

1979 Ontario Scholar
1979, 1980 Early In-Course Scholarships, University of Guelph
1979, 1980 Deans Honour Role, University of Guelph
1982 Undergraduate Summer Studentship, National Science & Engineering Research Council

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- 1983 School of Human Biology Nominee for the Winegard Medal, University of Guelph
- 1991 Dr. Cameron C. Gray Fellowship in Pulmonary Medicine, Ontario Lung Association
- 1992 Award for Excellence in Research Papers by Residents, Physician's Services Inc. Foundation
- 1992 Keith Morgan Award for Excellence in Clinical Presentations, 1992 Better Breathing Conference, Ontario Thoracic Society
- 1992 Best Clinical Presentation, Royal College of Physicians and Surgeons of Canada Annual Meeting, Canadian Thoracic Society
- 1993 Best Clinical Presentation, Royal College of Physicians and Surgeons of Canada, Annual Meeting, Canadian Thoracic Society
- 2005 Speaker of the Royal College of Physicians and Surgeons of Canada, Awarded at the OLA/OTS 2005 "Better Breathing" Conference
- 2006 Arnold Naimark Feature Symposium Award, CIHR 3rd National Research Forum for Young Investigators in Circulatory and Respiratory Health
- 2006 Department of Medicine Award for Excellence in Research
- 2008 Meritorious Service Award, Ontario Lung Association

Academic Appointments

- Oct 1993 to June 2002 Assistant Professor of Medicine, Division of Respiratory and Critical Care Medicine, Queen's University, Kingston, Ontario
- July 2002 to July 2010 Associate Professor of Medicine, Division of Respiratory and Critical Care Medicine, Queen's University, Kingston, Ontario
- April 2009 to July 2010 Associate Professor, Department of Community Health and Epidemiology, Queen's University, Kingston, Ontario
- May 2009 to July 2010 Associate Professor, Department of Physiology, Queen's University, Kingston, Ontario
- July 2010 to Present Professor of Medicine, Division of Respiratory and Critical Care Medicine, Queen's University, Kingston, Ontario
- July 2010 to Present Professor, Department of Public Health Sciences, Queen's University, Kingston, Ontario
- July 2010 to Present Professor, Department of Biomedical and Molecular Sciences, Queen's University
- Sept 2009 to Aug 2016 Adjunct Scientist, ICES-Queen's
- Sept 2016 to Present Senior Adjunct Scientist, ICES-Queen's

Hospital Appointments

1993 to Present Consultant, Respiriology, Kingston General Hospital
1994 to Present Consultant, Respiriology, Hotel Dieu Hospital
1994 to Present Consultant, Respiriology, St. Mary's of the Lake Hospital

Other Positions

1996 to Present Director, Asthma Program, Kingston General Hospital
1998 to Present Medical Advisor, Asthma Education Centre, Kingston General Hospital
1999 to Present Director, Adult Cystic Fibrosis Clinic, Hotel Dieu Hospital

Committees

International

2016-2017 American College of Chest Physicians (CHEST) 2017 Scientific Program
Committee Co-Chair

National

2003 to 2005 Canadian Thoracic Society (CTS) Board of Directors (OTS Representative)
2004 to 2006 Canadian Network for Asthma's (CNAC) Pediatric Asthma Guidelines
Implementation Committee (PAGIC)
2004 to Present Canadian Thoracic Society Asthma Committee, Member
2008 CIHR Respiratory Systems Grant Review Committee, Invitee Member
2008 to 2010 AllerGen NCE Policy Committee, Member
2009 to 2012 CTS Asthma Committee, Chair
2009 to 2010 CTS Board of Directors (Asthma Committee Representative)
2009 to 2012 Canadian Respiratory Guidelines Committee (Asthma Committee
Representative)
2009 to 2012 Respiratory Training and Education Course (RESPTrec ©), Asthma
Module Expert Committee Member
2011 to 2012 World Congress on Asthma 2012-Planning Committee, Member
2012 to 2013 CTS Executive Committee, Secretary
2012 to 2018 CTS Board of Directors
2013 to 2014 CTS Executive Committee, Treasurer
2014 to 2015 CTS Executive Committee, President-Elect
2014 to 2015 CLA National Research Steering Committee, CTS Representative
2015 to 2016 CTS Executive Committee, President
2015 to 2016 Canadian Lung Association, Board of Directors, Member
2015 to 2016 Canadian Lung Association, Patient Engagement Committee, Member
2016 to 2017 CTS Executive Committee, Past President
2017 to present CTS Long-term Planning Committee (Chair: 2017-2018)
2018 to Present CTS Representative to the European Respiratory Society
2018 to Present The Lung Association Board of Directors, Member (CTS Representative)

Provincial

1994 to 2000 Ontario Lung Association's Annual "Better Breathing" Conference – 2004
to 2006 Organizing Committee

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1996 to 2008	Ontario Thoracic Society Executive Committee, Member
1997 to Present	Ontario Respiratory Outcomes Research Network, Steering Committee Member
1999 to 2007	Ontario Lung Association "Asthma Action" Advisory Committee, Member
1999 to 2009	Ontario Thoracic Society Block Term Grant Committee (Queen's University Member)
2000 to 2010	Ontario Respiratory Outcomes Research Network, Co-chair
2000 to 2001	Ontario Ministry of Health and Long Term Care, Provincial Asthma Strategy, Clinical Management Working Group, Member
2002	Ontario Thoracic Society Asthma Care Map for Primary Care Providers Project Advisory Committee, Member
2002 to 2004	Ontario Thoracic Society, Chair-Elect
2002 to 2004	Ontario Thoracic Society Nominating Committee, Member
2002 to 2005	Primary Care Asthma Pilot Project, Scientific Advisory Committee, Member
2002 to 2007	Ontario Lung Association/Ontario Thoracic Society Health Care Provider Continuing Education in Asthma Care Pilot Project, Chair
2004 to 2006	Ontario Thoracic Society Nominating Committee, Member
2004 to 2006	Ontario Thoracic Society Medical Advisory Committee, Chair
2004 to 2008	Ontario Thoracic Society Research Advisory Committee, Member (Ex-Officio)
2006 to 2008	Ontario Thoracic Society, Past-Chair
2006 to 2008	Ontario Thoracic Society Nominating Committee, Chair
2006 to 2008	Ontario Thoracic Society Medical Advisory Committee, Member
2006 to 2008	Ontario Lung Association Board of Directors, OTS Representative
2007 to 2010	Ontario Thoracic Society Asthma Advisory Committee, Co-Chair
2007 to 2014	Ontario Lung Association Provider Education Program Committee, Member
2009 to Present	Ontario Lung Association Emergency Department Asthma Care Pathway Steering Committee Member
2018 to Present	Health Quality Ontario, Asthma Quality Standards Advisory Committee, Member and CTS Representative

Faculty of Medicine, Queen's University

1999	Search Committee, Director of School of Medicine
2000 to 2001	Search Committee, Head of Department of Family Medicine
2010 to Present	Associate Member, Centre for Health Services and Policy Research
2011 to Present	Clinician Scientist Program Committee
2013 to Present	Mentor, Queen's University Department of Medicine Mentorship Program
2016 to Present	Mentor, Queen's Internal Medicine Mentorship Program (QIM-RAMP)
2019 to Present	SEAMO AHSC AFP Innovation Fund Grant Review Committee

Department of Medicine, Queen's University

1995	Allergy Division Review Committee
1997 to 2003	General Internal Medicine Residency Training Committee
1998 to 1999	Strategic Planning Committee, Department of Medicine
1998 to 2001	Standing Committee on Promotions and Reappointments
2005 to 2006	Search Committee, Academic Respiriologist
1996 to 2012	Appeals Committee (Chair: 2008-2012)

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2012 to 2017 Department of Medicine Research Committee
2012 to 2017 Accountability Framework Committee

Division of Respiriology, Queen's University

1993 to 2010 Respiriology Subspecialty Residency Training Committee, Member
2003 to 2015 Service Chief
2017 to present Chair, Division of Respiriology
2017 to present Competency Committee, Respiriology Training Program

Kingston General Hospital

1997 Medical Mortality Committee, Department of Medicine
2000 to 2003 Collaborative Care Planning Committee, Kingston General Hospital Asthma
(in Adults) Working Group (MRP)
2005 Bed Allocation Committee, Kingston General Hospital
2009 to 2011 HDH/KGH/SMOL Infection Control Committee

Professional Memberships

1993 to Present American College of Chest Physicians
1993 to Present American Thoracic Society
1986 to Present Canadian Medical Association
1993 to Present Canadian Thoracic Society
1986 to Present Ontario Medical Association
1990 to Present Ontario Thoracic Society

Editor/Editorial Board for Scientific Journals

2017 to Present Canadian Journal of Respiratory, Critical Care and Sleep Medicine
2018 to Present Deputy Chief Editor, Canadian Journal of Respiratory, Critical Care and
Sleep Medicine

Scientific Reviewer for Journals

Ambulatory Pediatrics
American Journal of Clinical Nutrition
American Journal of Respiratory and Critical Care Medicine
Allergy and Asthma Proceedings
Canadian Journal of Physiology and Pharmacology
Canadian Respiratory Journal
Canadian Journal of Respiratory, Critical Care and Sleep Medicine
Chest
Current Respiratory Medicine Reviews
European Respiratory Journal
International Journal for Quality in Health Care
Frontiers in Respiratory Physiology
Journal of Critical Care Medicine
Journal of Applied Physiology
Lung

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Pediatric Allergy and Immunology
Primary Care Respiratory Journal
Pulmonary Pharmacology & Therapeutics
Respirology
Thorax

Scientific Reviewer for Granting Organizations

Asthma Society of Western Australia
Canadian Institutes of Health Research
Canadian Thoracic Society
Cystic Fibrosis Canada
Department of Medicine Research Grant Competition, Queen's University
Ontario Thoracic Society
Physicians' Services Incorporated Foundation
SEAMO Innovation Fund, Queen's University
William M. Spear Endowment and Start Memorial Fund, Queen's University

Scientific Reviewer for Professional Organizations

Registered Nurses Association of Ontario (Best Practice Guidelines, Adult Asthma Care Guidelines for Nurses: Promoting Control of Asthma, 2001)

Workplace Safety & Insurance Board (Program of Care for the Non-Pharmacological Management of Occupational Asthma, January 2002)

Institute for Clinical and Evaluation Sciences (Burden of Childhood Asthma. ICES, Toronto, Ontario, 2004 by To T, Dell S, Dick P, Cicutto L, Harris J, Tassoudji M, Duong-Hua M.)

The Foundation for Medical Practice Education. Practice Based Learning Programs (PBLP) CME module (Asthma: New Keys to More Effective Care in Adults, McMaster University, Hamilton, Ontario, 2005 by Bell B, Kaplan A.)

Institute for Clinical and Evaluative Sciences (Asthma in Ontario. ICES Investigative Report, Toronto, Ontario, 2006 by To T, Gershon A, Tassoudji M, Guan J, Wang CH, Estrabillo E, Cicutto L.)

Canadian Thoracic Society. Member, Asthma Expert Panel for a finite Delphi Exercise.

Ontario Lung Association, Member, Expert Panel for Life at Risk Lung Disease.

Graduate Students/Postdoctoral Fellows

1994-1995 J. Flannery, MD, Physical Medicine and Rehabilitation Trainee

1998-2001 J. Olajos-Clow, MSc., School of Nursing, Queen's University.
Thesis: "Evaluation of the impact of an adult asthma education program on quality of life."

- 1999-2000 M. Newton, MD, Respiriology Fellow, Queen's University. "Hyperinflation in Acute Exacerbations of Asthma: A mechanical Simulation." Presented at Queen's University Resident Research Day, 2000.
- 2000-2001 S. Chao, MD, Respiriology Fellow, Queen's University. "Idiopathic hypereosinophilic syndrome". *Keith Morgan Award - (1st Prize) for Excellence in Clinical Presentations by Respiratory Trainee*, OTS Better Breathing Conference 2001.
- 2004-2005 C. Parker, MD, MSc., Respiriology Fellow, Queen's University. Case presentation "Catamenial hemoptysis and pneumothoraces in a patient with cystic fibrosis" at OTS Better Breathing Conference 2005 and ACCP Conference 2005 (*1st Prize for Case Presentation on Unusual Causes of Pneumothoraces and Hemoptysis*).
- 2004-2007 K. Szpiro, RN, MSc. School of Nursing, Queen's University Thesis: Comparison of Asthma Education in the Emergency Department and the Asthma Education Center: A Feasibility Cohort Study. *ORCS Trainee Award (1st Prize) for the Best Poster by a Student at Better Breathing Conference 2006*.
- 2005-2006 F. Saberi, MD, Respiriology Fellow, Queen's University. Research project. "Statin therapy in moderate to severe asthma".
- 2005-2006 N. Vozoris, MD, MSc, Internal Medicine Resident Research Project. "Second-hand smoking in Canada: Prevalence, risk factors and association with chronic respiratory disease and other health conditions." Department of Medicine, Queen's University Resident Research Day 2006 (*1st Prize for PGY2's*); *Award for Excellence in Research Papers by Residents, Physician's Service Inc. Foundation, 2007*.
- 2005-2007 A. Chee, MD, Internal Medicine Resident Research Project. "Flock Workers' Lung: Natural History of Cases and Exposed Controls in Kingston, Ontario".
- 2006-2007 N. Vozoris, MD, MSc, Internal Medicine Resident Research Project. "Influenza Vaccination among Canadians with Chronic Respiratory Disease: Prevalence, Sociodemographics, and Association with Medication Use".
- 2006-2007 E. Fanaris MD, Internal Medicine Resident Research Project. "Lipitor in the Management of Moderate to Severe Asthma".
- 2008- 2012 P. Heffernan, MSc. MD, FRCP(C), Respiriology Fellow, Queen's University Resident Research Project and MSc in Epidemiology Memorial University, Newfoundland. Thesis: "Socioeconomic Determinants of Health and Asthma-related Emergency Department Visit Rates in Adults in Ontario, Canada".

- 2008-2011 K. Barrick, BSc, MSc (Candidate), Department of Community Health and Epidemiology, Queen's University.
Thesis: "Compensated Work-related Asthma: A Data Linkage Analysis."
Recipient of a 2010 CIHR Travel Award for the Institute of Circulatory and Respiratory Health Young Investigator Forum.
- 2010-2012 S. Turcotte, BSc. MSc. Department of Physiology, Queen's University.
"Physiology of Cough in Asthma: Comparison of Sensory-Mechanical Responses to Mannitol and Methacholine Challenge Tests".
Recipient of the 2010 Ontario Graduate Scholarship Award, 2011 KGH Axillary Student Volunteer Education Bursary, 2011 Ontario Graduate Scholarship Award, 2011 Chen Academic Enrichment Fund Travel Award, Queen's University, 2011 Harry Abramsky Foundation Fund Award.
- 2010-2012 K. Killorn, BSc, MSc. Department of Epidemiology Queen's University.
"Evaluation of a work-related asthma screening questionnaire in primary care settings in Ontario".
Recipient of a 2012 CIHR Travel Award for the Institute of Circulatory and Respiratory Health Young Investigators Forum.
- 2012-2014 M. Cheung. BSc, MSc. Department of Epidemiology Queen's University.
Thesis: "Assessing the risk of asthma and anaphylaxis associated with the use of the quadrivalent HPV vaccine in adolescent girls."
- 2012-2014 N. Wasilewski. BSc, MSc. Department of Physiology Queen's University.
Thesis: "Bronchodilating and brochoprotective effects of deep inspirations in asthma, cough variant asthma and methacholine-induced cough with normal airway sensitivity."
- 2012-2017 G. Riolo, MD. Respirology Fellow, Queen's University, Resident Research Project. Continuing as Cystic Fibrosis Canada Clinical Fellow, University of Toronto (2013-2018)
"Association between Severe Asthma and CFTR mutation"
- 2015-2017 N. Sood, BSc, MSc. Department of Physiology, Queen's University. Thesis:
"Sensory-Mechanical Responses to High-Dose Methacholine in Healthy Normal Subjects: The role of deep inspirations".
- 2015-2018 C. Kwok, MD. Internal Medicine Resident Research Project.
"Emergency Department Visits and Hospitalizations for Asthma in Adults: Analysis of Provincial Administrative Data and Ed Site Characteristics."
Department of Medicine, Queen's University Resident Research Day 2017.
(*Fellows Research Prize*)
"Ontario's Emergency Department Asthma Care Pathway: Baseline Health Service Utilization and Determinants of Uptake" Presented at Kingston Ottawa Pneumoclub, Kingston, Ontario, June 2017.

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- 2015-Present S. O'Loughlen, MD. Internal Medicine Resident Research Project.
"Symptom Perception and Health Care Utilization for Asthma: Clinical Relevance of Abnormal Perception of Bronchoconstriction and Dynamic Hyperinflation." Department of Medicine, Queen's University Resident Research Day 2016, (*1st Place Research Day Scientific Poster*), Presented at ICES Queen's Science Day 2017, Queen's University, June 2017.
- 2016- Present S. Edington, MD. Internal Medicine Resident Research Project.
"The Effect of Air Pollution on Lung Function." Department of Medicine, Queen's University Resident Research Day 2017. (*1st Place PGYI Research Prize, Oral Presentation*)
- 2019- Present M. MacKinnon. BSc. MSc (Candidate) in Translational Medicine, Department of Medicine, Queen's University.
"**I**mproving **D**etection of Work-related **A**sthma (IDEA Project): Validation of the Work-related Asthma Screening Questionnaire (Long Version) (WRASQ(L))

Undergraduate Student Thesis Supervision

- 2009-2010 S. Turcotte, BSc., Life Sciences, Queen's University.
Physiology 499 Thesis: "Physiology of Cough in Asthma: Comparison of Sensory-Mechanical Responses to Mannitol and Methacholine Challenge Tests"
- 2019-Present N. Tegobov, BSc., Life Sciences, Queen's University
Epidemiology 499 Thesis: "Validation of a Severe Asthma Electronic Medical Record Algorithm"

Presentations at International Meetings

- 1 James AL, Lougheed MD, Pearce-Pinto G, Ryan G, Musk AW. Reproducibility of limited maximal airway narrowing. (Thoracic Society of Australia and New Zealand Annual Meeting, 1989).
- 2 Lougheed MD, James AL, Pearce-Pinto G, Ryan G, Musk AW. Variability of the plateau response to methacholine. (Thoracic Society of Western Australia Annual Meeting, 1989).
- 3 Lougheed MD. The Ontario Experience. (Invited Speaker, Clinical Pathological Conference on Flock Workers Lung. National Institutes Occupational Safety and Health (NIOSH), Morgantown, West Virginia, January 1998).
- 4 Lougheed MD, McAuley S, O'Donnell DE. Evolution of respiratory symptoms during bronchoconstriction in asthma. (Slide presentation at mini-symposium on "Dyspnea: Mechanisms and Measurement", American Thoracic Society International Conference, May 2001, San Francisco, California).

- 5 Lougheed MD, Fisher T, O'Donnell DE. Poor perception of dynamic hyperinflation and bronchoconstriction in asthma: Pathophysiologic mechanisms. (Slide presentation at mini-symposium on "Severe Asthma", American Thoracic Society International Conference, May 2006, San Diego, California).
- 6 Lougheed MD, Olajos-Clow J, Szpiro K, Moyse P, Julien B, Wang M, Day A. Evaluation of a multi-centre emergency department adult asthma care pathway project. (Slide presentation at mini symposium: "Multidisciplinary Considerations in the Care of the Patient with Lung Disease", American Thoracic Society International Conference, May 2007, San Francisco, California).
- 7 Szpiro KA, Harrison MB, Vanderkerkhoff E., Lougheed MD. Comparison of Asthma Education in the Emergency Department and the Asthma Education Center: An Observational Cohort Study. (Slide presentation at mini-symposium on "Improving Your Patient's Asthma Health: What Works", American Thoracic Society International Conference, May 2007, San Francisco, California).
- 8 Fisher T, De Lair H, Barber G. Lougheed MD. Geo-mapping of work-related asthma claims submissions in Ontario, Canada. (Slide presentation at mini-symposium on "Occupational and Environmental Airway Disease: Its Not Just Asthma Anymore", American Thoracic Society International Conference, May 2007, San Francisco, California).
- 9 Lougheed MD. Literature Review: Asthma (Invited Session Speaker and Session Chair, Literature Review: Asthma, Sleep and Interstitial Lung Disease, American College of Chest Physicians, CHEST Conference, Vancouver, British Columbia, November 2010.)
- 10 Lougheed MD. Cough Variant Asthma: Lessons Learned from Deep Inspirations. (Invited Guest Speaker, 2011 American Cough Conference, June 2011, New York, New York.)
- 11 Lougheed MD. Perception of Symptoms in Asthma. (Invited Speaker, Assessment of Asthma Session, XXI World Congress of Asthma, August 2012, Quebec City, Quebec.)
- 12 Lougheed MD. Single Inhaler of ICS/LABA as Reliever and as a Controller and Reliever. (Invited Session Speaker and Chair, Canadian Thoracic Symposium Update on Canadian Respiratory Guidelines, XXI World Congress of Asthma, August 2012, Quebec City, Quebec.)
- 13 Lougheed MD. Cough Pathophysiology: Lower Airway Perspective Including Mechanics of Cough Variant Asthma. (Invited Speaker, The American Academy of Allergy Asthma and Immunology (AAAAI) Community-Based Forum for Systematic Team Evaluation Aimed at Remission of Cough. February 2013, San Antonio Texas.)
- 14 Lougheed MD. Clinical Asthma, Thematic Poster Session, (Invited Session, Chair, American Thoracic Society International Conference, San Diego, California, May 2014.)
- 15 Lougheed MD, Moosa D. Problem-Based Learning 2015: Asthma Guidelines.(Invited Session Co-Speaker, American College of Chest Physicians, CHEST Conference, Montreal, Quebec, October 2015.)

- 16 Lougheed MD. Use of Electronic Tools to Support Asthma Best Practice: Asthma eRecords: Knowledge Translation in Action. (Invited Session Speaker, The American College of Chest Physicians, CHEST Conference, Toronto, Ontario, October 2017.)
- 17 Lougheed MD. Revisiting the Diagnosis of Asthma: The Value of Questionnaires to Diagnose Asthma. (Invited Session Speaker. The American College of Chest Physicians, CHEST Conference, Toronto, Ontario, November 2017.)
- 18 Lougheed MD. Women in Pulmonary Luncheon Breakout (Invited Session Leader for Disease Focus in your Career: Asthma, The American College of Chest Physicians, CHEST Conference, Toronto, Ontario, November 2017.)
- 19 Kwok C. Madeley C, Jabbour M, To T, Lougheed MD. Effects of a Standardized Emergency Department Asthma Pathway on Health Services Utilization. (Oral presentation at symposium entitled, “Does asthma phenotyping improve treatment” at the European Respiratory Society International Congress 2018, Paris, France, September, 2018).
- 20 Lougheed MD. Algorithms to Identify Patients with Work-related Asthma in Clinical Settings (Invited Session Speaker, American College of Occupational and Environmental Medicine (ACOEM)’s American Occupational Health Conference, Anaheim, California, May 2019.)

Presentations at National Meetings

- 1 Lougheed MD. Effects of CPAP on breathlessness and ventilatory mechanics during induced bronchoconstriction. (Slide presentation at the Canadian Resident-Fellow Competition in Respiratory Research, June 1993).
- 2 Lougheed MD, Roos JO, Waddell WR, Munt PW. Desquamative interstitial pneumonitis: A cluster of cases in textile workers. (Slide presentation to Canadian Thoracic Society Annual Meeting, September 1992).
- 3 Lougheed MD, Webb KA, O'Donnell DE. Effect of CPAP on breathlessness during acute bronchoconstriction. (Slide presentation to Canadian Thoracic Society Annual Meeting, September 1993).
- 4 Olajos-Clow J, Squires-Graham M, Costello E, Lougheed MD. Kingston General Hospital Asthma Education Program. (Slide presentation at Canadian Network for Asthma Care’s (CNAC) 4th National Conference on Asthma and Education (ASED 4), Nov. 11-13, 1999, Halifax, Nova Scotia.)
- 5 Olajos-Clow J.G., Costello E, Lougheed M.D. Differences in characteristics between attenders and non-attenders at an adult asthma education centre. (Invited slide presentation at Canadian Network for Asthma Care’s (CNAC) 5th National Conference on Asthma and Education (ASED 5), Nov. 29-Dec.1, 2001, Toronto, Ontario).

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- 6 Lougheed MD. Developing tools to evaluate program effectiveness. (Invited speaker at Canadian Network for Asthma Care's (CNAC) 6th National Conference on Asthma and Education (ASED 6), Nov. 28 – 29, 2003, Montreal, Quebec).
- 7 Lougheed, MD. Symptom Perception in Asthma. (Visiting Speaker, Vancouver General Hospital Respiratory Research Rounds, University of British Columbia, Feb. 16, 2005).
- 8 Lougheed MD. Asthma in Ontario: Variations in Emergency Department Visits, Hospitalizations and Care. (BC Thoracic Society, Vancouver, Feb. 16, 2005).
- 9 Lougheed MD. Asthma in Ontario. (Invited Speaker, Canadian Thoracic Society National Symposium: "Implementing Practice Guidelines: A Workshop on Guidelines Dissemination and Implementation with a Focus on Asthma and COPD"; April 16, 2005, Quebec City, Quebec).
- 10 Lougheed MD. Differentiating Asthma from COPD. (Invited Speaker at Canadian Network for Asthma Care's (CNAC) 7th Annual Conference on Asthma and Education (ASED 7), Calgary, Alberta, November 17-19,2005).
- 11 Lougheed MD. The Asthma Care Gap: Current Practice versus Best Evidence-Based Practice (Invited Speaker at AllerGen Network for Centres of Excellence in Allergic Diseases Workshop on Knowledge Translation, Winnipeg, Manitoba, March 2006).
- 12 Lougheed MD. Variations in Asthma: Symptoms, Care and Outcomes. (Invited Speaker for Feature Symposium at 3rd National Research Forum for Young Investigators in Circulatory and Respiratory Health, Winnipeg, Manitoba, May 4-7, 2006).
- 13 Lougheed MD. Asthma Guidelines Implementation in Ontario. (CIHR/AllerGen/CTS Workshop on Canadian Respiratory Guidelines Implementation, April 21, 2007).
- 14 Lougheed MD. Implementing Asthma Guidelines in the Emergency Department. (Invited Speaker at the RQAM Asthma/COPD Provincial Network Meeting, Longueuil, Quebec, November 23, 2007).
- 15 Lougheed MD. Emergency Department Asthma Care in Ontario: Measuring Variations in Management and Outcomes. (Invited Speaker, Asthma Symposium, "Measuring Respiratory Diseases and Outcomes: Trials and Tribulations", Toronto, Ontario, May 2008).
- 16 Lougheed MD. Asthma. (Invited Speaker, 1st Annual Canadian Respiratory Guidelines Meeting, Toronto, Ontario, April 23, 2009).
- 17 Lougheed MD. What's New in Asthma? (Invited Plenary Speaker at Canadian Network for Asthma Care's (CNAC's) National Conference on Asthma and Education (ASED), Whistler, British Columbia, November, 2009).
- 18 Lougheed MD. High Tech Asthma Care. (Invited Speaker at the Management Strategies for Asthma Session) Canadian Respiratory Conference, Halifax, Nova Scotia, April 2010.

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- 19 Lougheed MD. Asthma, Muscle/Exercise. (Invited Session Co-Chair) Canadian Respiratory Conference, Halifax, Nova Scotia, April 2010.
- 20 Lougheed MD. Literature Review Asthma (Invited Speaker and Session Chair at the Literature Review: Asthma, Sleep and Interstitial Lung Disease, CHEST 2010, Vancouver, British Columbia, November 2010.)
- 21 Lougheed MD. Asthma Management 2010: The New Continuum. (Visiting Professor, Division of Respiriology, University of Saskatchewan, Saskatoon, Saskatchewan, November 2010.)
- 22 Lougheed MD. Canadian Thoracic Society Asthma Management Continuum-2010 Consensus Summary. (Invited Speaker, University of Saskatchewan Respiratory Educator Update. Saskatoon, Saskatchewan, November 2010.)
- 23 Lougheed MD. Work-related asthma: Measuring and reducing the burden. (Invited Speaker and Panel Participant, AllerGen's 6th Annual Research Conference, Vancouver, British Columbia, February 2011)
- 24 Lougheed MD, Asthma. (Invited Speaker, 3rd Annual Canadian Respiratory Guidelines Update, Niagara Falls, Ontario, April 2011.)
- 25 Boulet LP and Lougheed MD. Canadian Thoracic Society Pan-Canadian Respiratory Standards Initiative for Electronic Health Records (PRESTINE). (Plenary Speaker and Symposium Co-Chair, Toronto, Ontario, October 2011).
- 26 Lougheed MD, Minard JP. The Ontario Experience: Electronic Asthma Care Map in Primary Care Pilot. (Invited Speaker, Pan-Canadian Respiratory Standards Initiative for Electronic Health Records (PRESTINE) Symposium, Toronto, Ontario, October 2011).
- 27 Lougheed MD. What's New in Asthma. (Invited Speaker, Canadian Network for Respiratory Care Conference, Ottawa, Ontario, November 2011)
- 28 Lougheed MD. Canadian Respiratory Conference Moderated Poster Session (Co-Chair), Vancouver B.C., April 2012.
- 29 Lougheed MD. Asthma Guidelines; Adult and Pediatric. (Invited Speaker, Canadian Respiratory Conference, Annual Respiratory Guidelines Update, Vancouver, B.C. April 2012.)
- 30 Lougheed MD, Asthma Action Plans. (Invited Speaker, Respiratory Training and Education Course (RESPTrec ©), October 2012.)
- 31 Lougheed MD. Canadian Respiratory Conference, Severe Asthma Session (Co-Chair), Quebec City, Quebec, April 2013.

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- 32 Lougheed MD. Advantages and Challenges of Using a Web Portal for Data Collection. (Invited Speaker, Asthma Performance Indicators National Strategies Meeting, April 2013)
- 33 Lougheed MD. Diagnosis and Clinical Aspects (Discussion Leader, 5th Jack Pepys Workshop on Asthma in the Workplace, May 2013).
- 34 Lougheed MD. The PRESTINE Working Group: Asthma and Related Respiratory Elements for EMRs. (Invited Speaker, Canadian Respiratory Conference, Calgary, Alberta, April 2014).
- 35 Lougheed MD. "Burnout in the ICU" CTS-Chest Conjoint Session, (Chair) Canadian Respiratory Conference, Ottawa, Ontario, April 2015.
- 36 Lougheed MD. Canadian Respiratory Conference, (Targeting Asthma: Novel Prospects from the Bench, Clinical Trial and Practice, Concurrent Session (Co-Chair), Halifax, Nova Scotia, April 2015.

Presentations at Provincial Meetings

- 1 Lougheed MD. Desquamative interstitial pneumonitis: A case series. (Ontario Thoracic Society "Better Breathing" Conference, January 1992).
- 2 Lougheed MD. Mechanisms of breathlessness during induced bronchoconstriction. (PneumoClub Meeting, University of Ottawa, April 1993).
- 3 Lougheed MD, Webb KA, O'Donnell DE. Mechanisms of breathlessness in asthma. (Slide presentation at Ontario Lung Association Canadian Respiratory Resident Research Competition. Published in Proceedings, June 1993)
- 4 Lougheed MD. Breathlessness in asthma. (Invited Speaker, Division of Respiriology Research Seminar, University Hospital, University of Western Ontario, May 1993).
- 5 Lougheed MD. Breathlessness in asthma. (Invited Speaker, The Asthma Centre, The Toronto Hospital, University of Toronto, December 1993).
- 6 Lougheed MD. Case presentations from community respirologists. (Session Chair, Ontario Thoracic Society "Better Breathing" Conference, February 1995).
- 7 Lougheed MD. Case presentations from community respirologists. (Session Chair, Ontario Thoracic Society "Better Breathing" Conference, February 1996).
- 8 Lougheed MD. Asthma update. (Invited Speaker, Annual Clinic Day: Diseases of the Chest. Etobicoke General Hospital, June 1996).
- 9 Lougheed MD. Case presentations from community respirologists. (Session Chair, Ontario Thoracic Society "Better Breathing" Conference, February 1997).

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- 10 Lougheed MD. Difficult asthma. (Invited Speaker, Ontario Thoracic Society Pulmonary Residents Symposium, April 1997).
- 11 Lougheed MD. Case presentations from community respirologists. (Session Chair, Ontario Thoracic Society "Better Breathing" Conference, February 1998).
- 12 Lougheed MD. Controversies in pulmonary medicine. (Debate Chair, Ontario Thoracic Society "Better Breathing" Conference, February 1998).
- 13 Lougheed MD. Case presentations from community respirologists. (Session Chair, Ontario Thoracic Society "Better Breathing" Conference, January 1999).
- 14 Lougheed MD. Controversies in pulmonary medicine. (Debate Chair, Ontario Thoracic Society "Better Breathing" Conference, January, 1999).
- 15 Lougheed MD. Dyspnea during induced bronchoconstriction in asthma, quadriplegia and normals. (Kingston-Ottawa Pneumoclub, Ottawa, June 2000)
- 16 Lougheed MD. Asthma: Symptom perception and the "plateau" revisited. (Kingston-Ottawa Pneumoclub, Kingston, June 2001)
- 17 Lougheed MD. Insights into fatal asthma. (Invited Speaker, Ontario Thoracic Society "Better Breathing" Conference January 2003)
- 18 Lougheed MD. Asthma: A Plateau by any other name. (Kingston-Ottawa Pneumoclub, Kingston, June 2003).
- 19 Lougheed MD. Action Plans for Asthma are Effective at Improving Asthma Outcomes. (Pro/Con Debate, Ontario Thoracic Society "Better Breathing Conference, January 2004).
- 20 Lougheed MD. Lung Research. (Invited speaker at Ontario Lung Association Board of Directors Meeting, February 2004).
- 21 Lougheed MD. Asthma in Ontario. (Kingston-Ottawa Pneumoclub, June 2004).
- 22 Lougheed MD. Variations in Emergency Care in Ontario. (Visiting Professor, University of Toronto, June 2004).
- 23 Lougheed MD. Improving Respiratory Health in Ontario: Bridging the Gap Between Knowledge and Practice (Plenary Session Co-Chair and Invited Plenary Speaker, Ontario Lung Association "Better Breathing" Conference February 2005).
- 24 Lougheed MD. Lung Health: Knowledge to Practice (ORCS/OTS Scientific Program Session Co-Chair, Ontario Lung Association "Better Breathing" Conference, February 2005).

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- 25 Lougheed MD. Ontario Asthma Regional Variation Study: Which Rate is Right? (Visiting Professor, 5th Annual Research Day in Respiriology and Respiratory Physiology, University of Toronto, June 2005).
- 26 Lougheed MD. New Insights into Poor Perception of Asthma Symptoms. (Kingston-Ottawa Pneumoclub, June 2005).
- 27 Lougheed MD. Poor Perception of Hyperinflation and Bronchoconstriction in Asthma. (Kingston-Ottawa Pneumoclub, June 2006).
- 28 Lougheed MD. Ontario Asthma Regional Variation Study: Variations and Gaps in ED Visit Rates, Hospitalizations and Care. (OLA Emergency Asthma Management Symposium, March 2007).
- 29 Lougheed MD. OHA ED Adult Asthma Clinical Pathway Pilot Project. (OLA Emergency Asthma Management Symposium, March 2007).
- 30 Lougheed MD. The Status of Asthma in Ontario. (Visiting Professor, Respiratory Rounds, St. Joseph's Healthcare, University of Western Ontario, April 2007).
- 31 Lougheed MD. Asthma – Variations in Symptoms, Care and Outcomes, (Visiting Professor, Respiriology Grand Rounds, University Hospital, University of Western Ontario, April 2007).
- 32 Lougheed MD. The Physiology of Cough in Asthma: Mechanical Responses to High-dose Methacholine. (Kingston-Ottawa Pneumoclub, June 2007).
- 33 Lougheed MD. Chronic Disease Management: Across the Asthma Continuum (Invited speaker at the Primary Health Care Forum sponsored by Queen's University and The South East Local Health Integration Network, November 2007).
- 34 Lougheed MD. Lung Research. Lung Association Supporter Appreciation Event. (The Lung Association "Better Breathing Conference", January 2008).
- 35 Lougheed MD. Asthma Never Goes Away. (Pro/Con Debate, The Lung Association "Better Breathing Conference, January 2008).
- 36 Lougheed MD. Respiratory Population Health Research. (Invited speaker, ICES Respiratory Population Health Retreat, Toronto, Ontario, March 2009).
- 37 Lougheed MD. Asthma Update. (Invited Speaker Ontario Respiratory Care Society, Kingston, Ontario, April 2008).
- 38 Lougheed MD. Ontario Asthma Regional Variation Study: Profiles of Children with Asthma in Ontario Emergency Departments. (Provincial Council for Children's Health; Asthma Work Group, August 2008).

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- 39 Lougheed MD. Asthma Care Program Medical Record Project Dissemination Meeting. (Co-Chair, Toronto, Ontario, October 2009).
- 40 Lougheed MD. Asthma Electronic Record Pilot Project Results. (Asthma Care Program Medical Record Project Dissemination Meeting, Toronto, Ontario, October 2009).
- 41 Lougheed MD. Report Capabilities. (Asthma Care Program Medical Record Project Dissemination Meeting, Toronto, Ontario, October 2009).
- 42 Lougheed MD. Emergency Department Asthma Care Pathway Development and History. (Invited Speaker, The Lung Association's EDACP Task Force Meeting, Toronto, Ontario, November 2009).
- 43 Lougheed MD. Work-related Asthma and Allergy: Prevention and Early Detection (WRAPPED) Project. (Invited Speaker, AllerGen NCE. Network-wide Workshop, Toronto, Ontario, December 2009).
- 44 Lougheed MD. Emergency Department Adult Asthma Care Pathway: Background. (Invited Speaker, The Lung Association's ED ACP Pediatric Pathway Steering Committee Meeting, January 2010).
- 45 Lougheed MD. WRAPPED and PEACKT Projects. (Invited Speaker, MOHLTC's Asthma Plan of Action Forum 2010, Toronto, Ontario, January 2010).
- 46 Lougheed MD. Canadian Thoracic Society Asthma Committee Update. (Invited Speaker, MOHLTC's Asthma Plan of Action Forum 2010, Toronto, Ontario, January 2010).
- 47 Lougheed MD. Promoting Evidence-based Asthma Care and Knowledge Translation (PEACKT). (Invited Research Presentation, Patient Education and Primary Care Outreach Showcase) Innovation Fund Showcase, Toronto, Ontario, November 2010.
- 48 Lougheed MD. The New Asthma Continuum. (Invited Speaker, The Lung Association "Better Breathing Conference", January 2011).
- 49 Lougheed MD. Asthma in Ontario: Status Update. (Visiting Professor, Respiriology Grand Rounds, University of Toronto, November 2011).
- 50 Lougheed MD. Work-related Asthma Prevention and Early Detection Research Program. (Invited Speaker, St. Michaels's Hospital Occupational Medicine Grand Rounds, University of Toronto, February 2012).
- 51 Lougheed MD. Non-CF Bronchiectasis. (Invited Speaker, The Lung Association, Ontario Respiratory Care Society, "Current and Evolving Best Practices in Respiratory Health Conference", Kingston, June 2012).
- 52 Lougheed MD. Difficult Cough, What's the Remedy? (Invited Speaker, The Lung Association "Better Breathing Conference", February 2013).

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- 53 Lougheed MD. Asthma Management: What's New and Improved?" (Invited Speaker, Allergy Asthma & Immunology Society of Ontario (AAISO) Allergy Update, April 2013).
- 54 Lougheed MD. Evidence-based Asthma Care and Knowledge Translation (PEACKT), and AsthmaLife: Integrating Performance Evaluation into the Process of Asthma Care. (Invited Speaker, and Panel Member Evidence-Based Care for Enhancement Outcomes Panel, Innovation Fund Showcase: *From Innovation to Practice*, Toronto, Ontario, November 2013).
- 55 Lougheed MD. Cystic Fibrosis: Basics and Beyond. (Invited Speaker, The Lung Association, Ontario Respiratory Care Society, "Moving Towards Improved Respiratory Health Conference", Kingston, June 2014).
- 56 Lougheed MD. *AsthmaLife*: Integrating Performance Evaluation into the Process of Asthma Care. (Invited poster presentation/interactive Session, SEAMO Innovation Showcase, Kingston Ontario, May 2015).
- 57 Lougheed MD. Managing Severe Asthma. (Invited Speaker, Ontario Lung Association Provider Education Program, Kingston, November 2015).
- 58 Lougheed MD. "Managing Severe Asthma. (Invited Speaker, Respiratory Health Forum, Toronto, Ontario, January 2016).
- 59 Lougheed MD. *AsthmaLife*: Integrating Performance Evaluation into the Process of Asthma Care. (Invited poster presentation/interactive Session, SEAMO Innovation Showcase, Toronto Ontario, November 2016).
- 60 Lougheed MD. "Severe Asthma". (Invited Speaker, The Lung Association Provider Education Program, OTN. Kingston, Ontario, February 2017).
- 61 Lougheed MD. "Compensated Work-related Asthma (WRA) & the Ontario Asthma Surveillance Information System (OASIS): Optimizing WRA Surveillance. (Invited Speaker, Public Health Ontario, University of Toronto, Toronto, Ontario, October 2017).
- 62 Kwok C, and Lougheed MD. "Clinical Relevance of Abnormal Perception of Bronchoconstriction and Dynamic Hyperinflation. (Invited Speaker, Respiriology Ottawa-Kingston PneumoClub, Ottawa, Ontario, June 2018).
- 63 Taite A, Schooley J, Lougheed MD. "An electronic Asthma Performance Indicator Reporting System: Use of standardized electronic medical record data at the point of care." (Invited speakers at the OntarioMD EMR Every Step Conference, Toronto, ON, September 2018).
- 64 Lougheed MD. "Biologics for Severe Asthma". (Invited Speaker, Residents Symposium, The Lung Association – Ontario. Toronto, Ontario, January 2019).

Local Research Presentations

- 1 Lougheed MD. Breathlessness in asthma: physiological correlations during methacholine-induced bronchoconstriction. (Research in Progress Seminar, Department of Physiology, Queen's University, 1991).
- 2 Lougheed MD. Asthma symptoms and maximal airway narrowing. (Presented at Research in Progress Seminar, Department of Physiology, Queen's University, 1993).
- 3 Lougheed MD. Breathlessness in Asthma (Research seminar for visiting professor, Dr. C. Haslett, September 1994).
- 4 Lougheed MD. The Inspiratory Threshold Load in Asthma (Research Seminar for Visiting Professor, Dr. A. Greening, October 1994).
- 5 Lougheed MD. A comparison of the effects of CPAP and IPAP on breathless during acute bronchoconstriction in asthma (Research in Progress Seminar, Department of Physiology, Queen's University, May 1994).
- 6 Lougheed MD. The Thresholds of Asthma (Special Lecture, Department of Physiology, Queen's University, October 1994).
- 7 Lougheed MD. The Mechanisms of Breathlessness in Asthma (Research seminar for Visiting Professors, Dr. A. Paintal and Dr. Anand, Department of Physiology, Queen's University, June 1995).
- 8 Lougheed MD. Dyspnea in Asthma. (Research presentation to visiting professor, Dr. James Martin, Division of Respiriology, Queen's University, March 1996).
- 9 Lougheed MD. Symptom Perception in Asthma. (Research presentation for Visiting Professor Dr. Ann Woolcock, Division of Respiriology, Queen's University, May 1997).
- 10 Lougheed MD. Dyspnea during Hyperinflation in Asthma, quadriplegia and normals (Research seminar for Visiting Professor, Dr. Peter Macklem, Division of Respiriology, Queen's University, October 1999).
- 11 Lougheed MD. Asthma and the Asthma Education Centre at Kingston General Hospital. (Special Lecture, School of Rehabilitation Therapy Seminar Series, November 16, 2001),
- 12 Lougheed MD. Symptom Perception in Asthma. (Research presentation for Visiting Professor Dr. Jerome Dempsey, Division of Respiriology, Queen's University, October 2002).
- 13 Lougheed MD. The Plateau Response: Hyperinflation and Dyspnea Does not Plateau. (Research presentation for Visiting Professor Dr. Louis-Philippe Boulet, Division of Respiriology, Queen's University, June 2003).

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- 14 Lougheed MD. Dyspnea in Asthma. (Research presentation for Visiting Professor Dr. Hedy Ginzberg, Department of Physiology and Division of Respiriology, Queen's University, Oct 2003).
- 15 Lougheed MD. Mechanisms of Dyspnea in Asthma. (Research presentation to Visiting Professor Dr. S. Gandevia, April 2004).
- 16 Lougheed MD. Asthma in Ontario: Regional Variations in Utilization and Care. (KGH Clinical Research Centre Rounds, November 2004).
- 17 Lougheed MD. A Population Study of Symptom Perception in Asthma (Research presentation for Visiting Professor Dr. Douglas Bradley, January 27, 2005).
- 18 Lougheed MD. Chronic Disease Management: Across the Asthma Continuum. (South East Local Health Integration Network Primary Healthcare Forum, Kingston, Ontario, November 2007).
- 19 Lougheed MD. PEACKT Stakeholder Meeting (Internal Stakeholders). Southeastern Ontario Asthma Care Network Project, Kingston, Ontario, October 9, 2009.
- 20 Lougheed MD. PEACKT Stakeholder Meeting (External Stakeholders). Southeastern Ontario Asthma Care Network Project, Kingston, Ontario, November 9, 2009.
- 21 Lougheed MD. Compensated Work-Related Asthma in Ontario: A Data Linkage Analysis. (Invited Speaker at ICES @ Queen's Science Day, Queen's University, October 2011).
- 22 Lougheed MD. Balancing Clinical Work, Research & Life Outside Work. (Invited Speaker at CIP Core Curriculum Session, Queen's University, November 2013) .
- 23 Lougheed MD. Cystic Fibrosis -The New Era. (Invited Speaker, Department of Family Medicine Grand Rounds, Queen's University, December 2014).
- 24 Lougheed MD. AsthmaLife: Integrating Performance Evaluation into the Process of Asthma Care at QFHT".(Invited Speaker, Department of Family Medicine Grand Rounds, Queen's University, February 2015).
- 25 Lougheed MD. New Therapies for Asthma. (Invited Speaker 2nd Annual Department of Medicine Day, Continuing Professional Development, Queen's University, May 2015).
- 26 Lougheed MD. Symptom Perception and Health Care utilization for Asthma. (Invited Speaker, ICES Queen's Science Day, Queen's University, December 2015).
- 27 Lougheed MD. "What's new since the 2012 CTS Asthma Guidelines". (Invited Speaker, Allergy Symposium, Kingston, Ontario, January 2017).
- 28 O'Loghlen S and Lougheed MD. "Symptom Perception and Health Care Utilization for Asthma: Clinical Relevance of Abnormal Perception of Bronchoconstriction and Dynamic

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Hyperinflation” (Invited Speaker, Respiriology Kingston-Ottawa PneumoClub, Kingston, Ontario, June 2019).

- 29 Lougheed MD. Impact of Regional Asthma Care Network on Health Services Utilization. (Invited Speaker at ICES @ Queen’s Science Day, Queen’s University, June 2019).

Research Grants and Funding

- 1991 - 1992 (\$12,457) (Research Fellow)
Ontario Thoracic Society Block Term Grant
Breathlessness in Asthma: Physiological correlations during induced bronchoconstriction
(Supervisors: Dr. D.E. O’Donnell, Dr. L. Forkert)
- 1995 - 1996 (\$8,668) (Principal Investigator)
Ontario Thoracic Society Block Term Grant
Asthma Outcome Measures: Development of risk adjustment models
- 1995-1996 (\$61,328.04) (Co-Investigator)
GlaxoWellcome
(Site PI: Dr. T. MacKenzie)
- 1997-1998 (\$44,070) (Site Co-Investigator)
Boehringer Ingelheim
Identification of the candidate asthma genes in DNA from peripheral blood in asthmatics and their parents
- 1997-1998 (\$164,490) (Site Co-Investigator)
Boehringer Ingelheim
A 6 month, double blind randomized multiple dose trial to compare the safety and efficacy of 20 mcg and 40 mcg Ipratropium bromide, as delivered by the Respimat device to 18 mcg Atrovent inhalation aerosol (2 puffs) and respective placebos in adults with chronic obstructive pulmonary disease
(Site PI: Dr. D.E. O’Donnell)
- 1998-1999 (\$108,367) (Site Co-Investigator)
Boehringer Ingelheim
A multiple dose comparison of 100 mcg and 200 mcg Salbutamol inhalation solution delivered via the Respimat device to placebo and a 90 mcg/puff (2 puffs) Ventolin (salbutamol sulfate) CFC inhalation aerosol in a 12 week, double blind, safety and efficacy study in adults with asthma. A randomized, double blind, placebo controlled, parallel comparative study
(Site PI: Dr. D.E. O’Donnell)
- 1999-2000 (\$8,900) (Principal Investigator)
Ontario Thoracic Society Block Term Grant
Ventilatory mechanics during acute bronchoconstriction in asthma

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- 1999-2000 (\$27,000) (Co-Principal Investigator)
Ontario Thoracic Society Grant in Aid
Ventilatory mechanics during bronchoconstriction in asthma: sensory-mechanical relationships in patients with life threatening asthma
- 1999-2000 (\$26,000) (Principal Investigator)
Dept. of Medicine Research Award
Symptom perception in asthma: a population study
- 1999-2000 (\$15,000) (Principal Investigator)
Faculty of Medicine Initiation Funds
Symptom perception in asthma: a population study
- 1999-2000 (\$24,904) (Principal Investigator)
Canadian Nurses Respiratory Society
The impact of asthma education on outcomes: barriers to overcome
- 1999-2000 (\$7,700) (Site Investigator)
Bayer Inc.
A randomized double-blind parallel group comparison of the safety and efficacy of three once daily doses of BAY19-8004 with placebo and Montelukast 10 mg daily in patients with symptomatic asthma
- 2000-2001 (\$7,000) (Principal Investigator)
Ontario Thoracic Society Block Term Grant
Equipment Grant
- 2000-2004 (\$276,800) (Principal Investigator)
National Health and Research Development Program/Canadian Institutes for Health Research (Health Canada)
Determinants of regional differences in emergency department visits and hospitalizations for asthma in Ontario.
- 2001-2002 (\$10,000) (Principal Investigator)
Ontario Thoracic Society Block Term Grant (renewal application)
Symptom perception in asthma: a population study
- 2002-2003 (\$ 31,648) (Principal Investigator)
Ontario Thoracic Society Grant-in-Aid
Symptom perception in asthma: mechanics of the plateau response
- 2002-2003 (\$10,000) (Principal Investigator)
Ontario Thoracic Society Block Term Grant
Fixed obstruction in asthma: sensory mechanical responses to bronchoprovocation
- 2002 -2003 (\$8,000) (Principal Investigator)
William M. Spear Endowment Fund

Emergency department utilization for asthma in Ontario: repeated visits, near fatal asthma and practice patterns

- 2002 -2005 (\$125,000) (Principal Investigator)
Physicians' Services Incorporated Foundation
Symptom perception in asthma: normative data and sensory-mechanical relationships in abnormal symptom perception
- 2002-2006 (\$1,410,000) (Co-Investigator)
Ministry of Health and Long-Term Care
OTS Health Care Provider Continuing Education in Asthma Care Pilot Project
- 2003-2004 (\$13,745) (Principal Investigator)
Ontario Thoracic Society Block Term Grant
The KGH Asthma Program: Evaluation of the Asthma Education Centre and Adult Asthma Collaborative Care Plan
- 2003-2004 (\$30,008) (Principal Investigator)
William M. Spear Endowment Fund
Computerized asthma outcomes monitoring system: a pilot project
- 2003–2004 (\$25,000) (Principal Investigator)
Ontario Lung Association
Computerized asthma outcomes monitoring system: a feasibility study
- 2003–2004 \$28,000) (Principal Investigator)
MoHLTC/Hospital for Sick Children's PCAPP Project)
Computerized asthma outcomes monitoring system: a feasibility study
- 2003 -2005 (\$ 1,050) (Co-Investigator)
Genome Canada and Canadian Cystic Fibrosis Foundation of Canada
Mapping and isolation of genes influencing severity in cystic fibrosis
- 2003–2004 (\$ 2,000) (Co-Investigator)
Ontario Thoracic Society (McMaster)
Osteoporosis, fractures and lung function in adult cystic fibrosis patients: a multicentre study on prevalence and risk factors for osteoporosis and fractures in Canadian adult cystic fibrosis patients.
(PI: Dr. A. Freitag)
- 2004-2005 (\$15,000) (Principal Investigator)
Ontario Thoracic Society Block Term Grant
Catchment areas for asthma in Ontario
- 2004-2005 (\$28,542) (Principal Investigator)
William M. Spear Endowment / Start Memorial Fund, Queen's University
Physiology of Cough in Asthma

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- 2004-2006 (\$298,000) (Principal Investigator)
Ontario Hospital Association, MoHLTC's Asthma Plan of Action
Evaluation of the emergency department asthma care map project
- 2004 - (N/A) (Site Investigator)
Canadian Cystic Fibrosis Foundation
Participation in the Canadian Cystic Fibrosis Foundation's Canadian CF Patient data registry (CPDR)
- 2004-2007 (\$ 165,092) (Co-Investigator)
Canadian Cystic Fibrosis Foundation
Detection of an Epidemic Strain of Pseudomonas aeruginosa in adult Canadian Cystic Fibrosis Clinics – Epidemiology and Clinical Implications
(PI: Dr. S. Aaron)
- 2004 -2008 (\$ 284,733) (Co-Investigator)
CIHR
Detection of an Epidemic Strain of Pseudomonas aeruginosa in adult Canadian Cystic Fibrosis Clinics – Epidemiology and Clinical Implications
(PI: Dr. S. Aaron)
- 2005-2006 (\$50,000) (Principal Investigator)
Ontario Thoracic Society Grant in Aid
Physiology of Cough in Asthma
- 2005-2006 (\$11,000) (Principal Investigator)
Ontario Thoracic Society Block Term Grant
Statin Therapy in Moderate to Severe Asthma
- 2005-2006 (\$18,000) (Co-Investigator)
Physicians' Services Incorporated (PSI) Foundation
Statin Therapy in Moderate to Severe Asthma
(PI: Dr. Farzad Saberi)
- 2005-2006 (\$10,000) (Principal Investigator)
Centre for Research Excellence in Occupational Disease (CREOD)
Flock Workers' Lung: Natural History of Cases and Exposed Controls in Kingston, Ontario
- 2005-2008 (\$375, 421.67) (Co-Investigator)
Ontario Ministry of Health and Long-Term Care
Occupational Asthma Surveillance Phase II. A Pilot Implementation and Evaluation of an Occupational Asthma Surveillance System in Ontario.
(PI: Dr. Teresa To)
- 2006-2007 (\$7,200) (Site Investigator)
Topigen Pharmaceuticals

Multi-centre, Randomized, Double-Blind, Repeated Dose Study to Evaluate the Safety, Tolerability and Pharmacodynamic Activity of Inhaled TPI 1020 Versus Inhaled Budesonide in Smokers with Mild Reversible Asthma
(PI: Dr. Louis-Phillipe Boulet)

- 2006-2009 (\$798,649) (Principal Investigator)
Ontario Ministry of Health and Long-Term Care's Asthma Plan of Action.
Asthma Care Program Revision and Electronic Record Project
- 2006-2007 (\$32,640) (Principal Investigator)
William M. Spear Endowment / Start Memorial Fund, Queen's University
Clinical relevance of abnormal symptom perception in asthma: A prospective cohort study
- 2007-2008 (\$49,600) (Principal Investigator)
Ontario Thoracic Society Grant in Aid
Physiology of Cough in Asthma (Renewal)
- 2007-2008 (\$19,939) (Co-Principal Investigator)
AllerGen NCE Inc. Workshop Funding
Asthma Action Plan
(Co-Principal Investigator: Dr. F. Ducharme)
- 2007-2009 (\$154,000) (Principal Investigator)
AllerGen NCE Inc.
Changing Practice for Prevention and Early Detection of Occupational Asthma and Allergic Diseases in the Primary Care Setting
- 2007-2010 (\$150,781.00) (Co-Investigator)
CIHR-PHSI Team Grant
Respiratory Population-based Health Outcomes Monitoring and Research (RESPONSE)
(PI: Dr. Teresa To)
- 2008-2010 (\$42,500) (Site Investigator)
Ception Therapeutics, Inc.
An Efficacy and Safety Study of Reslizumab (CTx55700) in the Treatment of Poorly Controlled Asthma in Subjects with Eosinophilic Airway Inflammation (Protocol Res-5-0010)
- 2008-2009 (\$124,880) (Co-Investigator)
Public Health Agency of Canada
Respiratory Population-based Health Outcomes Monitoring and Research (RESPONSE)
(PI: Dr. Teresa To)
- 2008-2009 (\$5,510) (Principal Investigator)

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- Ontario Thoracic Society Block Term Grant
Equipment Grant: Sputum Induction Chamber
- 2008-2009 (\$30,000) (Principal Investigator)
William Spear and Start Foundation, Queens University
Equipment Grant: Sputum Eosinophil Laboratory
- 2008-2009 (\$49,000) (Principal Investigator)
Ontario Thoracic Society Grant in Aid
Clinical Relevance of Abnormal Symptom Perception in Asthma: A prospective cohort study
- 2008-2009 (\$82,980) (Co-Investigator)
Bell University Laboratories, University of Toronto
WikiBreathe – A New Tool for Collaborative Development of an Effective Asthma Action Plan
(PI: Dr. S. Gupta)
- 2008-2009 (\$5,000) (Co-Investigator)
CIHR Training Grant
Respiratory GREAT Network
(PI: Dr. Teresa To)
- 2008-2009 (\$68,000) (Co-Investigator)
Physicians' Services Incorporated (PSI) Foundation
Online Collaboration Tool for Asthma Action Plan with Usability (OCTAPUS)
(PI: Dr. Samir Gupta)
- 2008-2009 (\$23,000) (Co-Investigator)
AllerGen NCE, Inc.
Toward Development of the Canadian Severe Asthma Network (CSAN)
(PI: Dr. Dilini Vethanayagam)
- 2008-2010 (\$4,500) (Site Investigator)
Canadian Cystic Fibrosis Foundation
Detection of an Epidemic Strain of Pseudomonas aeruginosa in adult Canadian Cystic Fibrosis Clinics
(PI: Dr. S. Aaron)
- 2009-2010 (\$220,000) (Principal Investigator)
Ontario Ministry of Health and Long-Term Care's Primary Care Asthma Program
Asthma Care Program Electronic Medical Record Project 2009-10
- 2009-2010 (\$21,850) (Site Investigator)
Canadian Cystic Fibrosis Foundation
Treatment of Aspergillus fumigatus in patients with cystic fibrosis: A randomized double-blind, placebo-controlled trial

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(PI: Dr. S. Aaron, Dr. F. Ratjen)

- 2009-2010 (\$49,628) (Principal Investigator)
Ontario Thoracic Society Grant in Aid
Clinical Relevance of Abnormal Symptom Perception in Asthma: A prospective cohort study (Renewal)
- 2009-2010 (\$16,700) (Principal Investigator)
William M. Spear Endowment / Start Memorial Fund, Queen's University
Emergency Department Visits and Hospitalizations for Asthma in Adults: Analysis of Provincial Administrative Data and ED Site Characteristics
- 2009-2011 (\$225,000) (Principal Investigator)
Southeastern Ontario Medical Organization (SEAMO) Academic Health Sciences Alternative Funding Plan (AHSC AFP) Innovation Fund
Promoting Evidence-Based Asthma Care and Knowledge Translation PEACKT): A Southeastern Ontario Asthma Care Network
- 2009-2011 (\$100,000) (Co-Investigator)
AllerGen NCE. Inc.
Can e-health tools improve outcomes in asthma?
(PI: Dr. Anthony Levinson)
- 2009-2013 (\$600,000) (Principal Investigator – Team Grant)
AllerGen NCE. Inc.
Work-related Asthma and Allergy: Prevention and Early Detection (WRAAPED) Research Program
- 2009-2010 (\$19,500) (Co-Investigator)
CIHR Operating Grant
Development of Clinical Standard Operating Protocols (Clinical SOPs)
(PI: Dr. Dilini Vethanayagam)
- 2010-2011 (\$24,023) (Site Principal Investigator)
Canadian Cystic Fibrosis Foundation
The Canadian Cystic Fibrosis Patient Data Registry
- 2010-2011 (\$30,000) (Principal Investigator)
William M. Spear Endowment /Start Memorial Fund
Physiology of Cough in Asthma: Comparison of Sensory-Mechanical Responses to Mannitol and Methacholine Challenge Test
- 2010-2011 (\$100,000) (Principal Investigator) Ontario Lung Association/Ontario Ministry of Health and Long-Term Care
Asthma Care Program Electronic Medical Record Project 2010-2011
- 2010-2011 (\$50,000) (Principal Investigator) OTS GIA.

Physiology of Cough in Asthma: Comparison of Sensory-mechanical Responses to Mannitol and High-dose Methacholine

- 2011-2012 (\$23,642) (Site Principal Investigator)
Cystic Fibrosis Canada
The Canadian Cystic Fibrosis Patient Data Registry.
- 2011-2012 (\$49,000) (Co-Investigator)
Ontario Thoracic Society Grant in Aid
Validation and use of evidence-based asthma care performance indicators in Ontario (VALUE-API)
(PI: Dr. Teresa To)
- 2011-2012 (\$49,000) (Principal Investigator)
Ontario Thoracic Society Grant in Aid
Physiology of Cough in Asthma: Comparison of Sensory-mechanical Responses to Mannitol and High-dose Methacholine
- 2011-2012 (\$115,150) (Principal Investigator)
Ontario Lung Association/Ontario Ministry of Health and Long-Term Care
Asthma Care Program Electronic Medical Record Project 2011-2012
- 2012-2013 (\$30,000) (Principal Investigator)
William M. Spear Endowment /Start Memorial Fund
Bronchodilating and bronchoprotective effects of deep inspirations in asthma, cough variant asthma and methacholine-induced cough with normal airway sensitivity
- 2012- 2013 (\$25,000) (Collaborator)
Canadian Institute of Health Research (CIHR)
Development of National Strategies for Implementing and Evaluating Evidence-based Indicators for Benchmarking and Monitoring Asthma Care in Canada
PI: Dr. Teresa To
- 2012-2013 (\$24,310) (Site Principal Investigator)
Cystic Fibrosis Canada
The Canadian Cystic Fibrosis Patient Data Registry
- 2012-2016 (\$609,820) (Co-Investigator)
Canadian Institute of Health Research (CIHR)
Best Strategies for Implementation of Clinical Pathways in Emergency Department Settings
PI: Dr. Mona Jabbour
- 2013-2014 (\$99,900) (Principal Investigator)
Southeastern Ontario Medical Organization (SEAMO) Academic Health Sciences Alternative Funding Plan (AHSC AFP) Innovation Fund

AsthmaLife: Integrating Performance Evaluation into the Process of Asthma Care

- 2013-2014 (\$24,787) (Site Principal Investigator)
Cystic Fibrosis Canada
The Canadian Cystic Fibrosis Patient Data Registry
- 2012- 2014 (\$1.5M) (Co-Investigator)
Canada Health Infoway/Ontario Lung Association
Consumer Access to Personal Health Information for Asthma Self-Management
PI: Dr. Chris Licskai
- Sub-grants at Queen's University (Site PI)
- *Consumer Access to Personal Health Information for Asthma Self-Management: Services Agreement (Mar 2012 - Feb 2013) (\$83,330)*
 - *Consumer Access to Personal Health Information for Asthma Self-Management: Data Sharing and Research Agreement (Feb 2013 - Dec 2014) (\$96,258)*
- 2013-2014 (\$115,150) (Principal Investigator)
Ontario Lung Association/Ontario Ministry of Health and Long-Term Care
Asthma Care Program Electronic Medical Record Project 2013-2014
- 2013-2015 (\$241,851) (Co-Investigator)
Canadian Institute of Health Research (CIHR) / Canadian Respiratory Research Network (CRRN) Team Grant Project
The impact of asthma on the natural history of chronic obstructive pulmonary disease
PI: Dr. Andrea Gershon
- 2014-2015 (\$24,787) (Site Principal Investigator)
Cystic Fibrosis Canada
The Canadian Cystic Fibrosis Patient Data Registry
- 2014-2015 (\$50,000) (Principal Investigator)
Ontario Thoracic Society Grant in Aid
Bronchodilating and Bronchoprotective Effects of Deep Inspirations in Asthma, Cough Variant Asthma and Chronic Cough with Normal Airway Sensitivity
- 2014-2015 (\$115,150) (Principal Investigator)
Ontario Lung Association/Ontario Ministry of Health and Long-Term Care
Asthma Care Program Electronic Medical Record Project 2014-2015
- 2014- 2016 (\$200,321) (Co-Investigator)

M. Diane Lougheed, M.D., M.Sc. FRCP(C)

Canadian Institute of Health Research (CIHR) / Canadian Respiratory Research Network (CRRN) Team Grant Project
Impact of air pollution and climate change on the incidence, exacerbation and progression of asthma and COPD
PI: Dr. Teresa To

- 2015-2016 (\$20,000) (Principal Investigator)
Department of Medicine Innovation Fund, Queen's University
Impact of Ontario's Adult Emergency Department Asthma Care Pathway Project on Health Services Utilization: An Interrupted Time Series Analysis
- 2015-2016 (\$30,000) (Principal Investigator)
William M. Spear Endowment /Start Memorial Fund
Sensory-mechanical responses to high-dose methacholine in healthy normal controls.
- 2015-2016 (\$115,150) (Principal Investigator)
Ontario Lung Association/Ontario Ministry of Health and Long-Term Care
Asthma Care Program Electronic Medical Record Project 2015-2016
- 2015- 2017 (\$7,660,994) (Co-Investigator)
CFI & Ontario Ministry of Research Innovation
Queen's Cardio-Pulmonary Unit (Q-PUC) Centre for Translational Research in Pulmonary Hypertension
PI: Dr. S. Archer
- 2016-2017 (\$25,947) (Site Principal Investigator)
Cystic Fibrosis Canada
The Canadian Cystic Fibrosis Patient Data Registry
- 2016-2017 (\$54,010) (Site Investigator)
Roche Canada
A prospective, single arm, longitudinal cohort study to assess biomarkers in real world patients with severe asthma. (Protocol MB29599)
- 2016-2017 (\$29,850) (Principal Investigator)
William M. Spear Endowment /Start Memorial Fund
Pan-Canadian Respiratory Standards Initiative for Electronic Medical Records: A Delphi Approach
- 2016-2017 (\$22,000) (Sub-Investigator)
Novartis Pharmaceuticals Canada Inc.
A 52-week, multicenter, randomized, double-blind, placebo- controlled study to assess the efficacy and safety of QAW039 when added to existing asthma therapy in patients with uncontrolled asthma.
PI: Dr. A. Ellis
- 2016-2017 (\$48,586) (Principal Investigator)

M. Diane Lougheed, M.D., M.Sc. FRCP(C)

Ontario Thoracic Society Grant in Aid
Validation of the Work-related Asthma Screening Questionnaire-Long Version (WRASQ(L))

- 2017-2018 (\$14,989) (Co-Investigator)
Queen's University, Department of Surgery
Trends and Outcomes in the management of Pulmonary Empyema
PI: Dr. D. Petsikas
- 2017-2018 (\$25,500)(Principle Investigator)
Queen's University, William M. Spear/Richard K. Start Endowment Fund
Sensory-mechanical responses to eucapnic voluntary hyperventilation and hypertonic saline in cough variant asthma and chronic cough.
- 2017-2018 (\$27,335) (Site Principal Investigator)
Cystic Fibrosis Canada
The Canadian Cystic Fibrosis Patient Data Registry
- 2017-2018 (\$112,847) (Principal Investigator)
Ontario Lung Association/Ontario Ministry of Health and Long-Term Care
Asthma
Asthma Care Program Electronic Medical Record Project 2017-2018
- 2017-2021 (\$33,176) (Site Investigator)
GlaxoSmithKline
A Multinational Single Arm, Observational Study to Evaluate the Real-world Effectiveness and Pattern of Use of Mepolizumab in Patients with Severe Eosinophilic Asthma
- 2018-2019 (\$112,847) (Principal Investigator)
Ontario Lung Association/Ontario Ministry of Health and Long-Term Care
Asthma
Asthma Care Program Electronic Medical Record Project 2018-2019
- 2018-2019 (\$27,335) (Site Principal Investigator)
Cystic Fibrosis Canada
The Canadian Cystic Fibrosis Patient Data Registry
- 2018-2019 (\$10,000) (Principal Investigator)
Queen's University Department of Medicine Innovation Fund
Impact of a Regional Asthma Care Network on Health Services Utilization : A data linkage analysis
- 2018-2020 (\$240,000) (Principal Investigator)
AstraZeneca
Use of EMRs to Improve Recognition and Management of Severe Asthma
- 2019-2020 (\$22,743) (Site Principal Investigator)

M. Diane Lougheed, M.D., M.Sc. FRCP(C)

Cystic Fibrosis Canada
The Canadian Cystic Fibrosis Patient Data Registry

- 2018-2023 (\$4,152,573) (Co-Investigator - \$220,000 for Kingston Site)
Canadian Institute of Health Research (CIHR)
A Randomized, Controlled, Clinical Trial to Address the Burden of Undiagnosed Airflow Obstruction in Canadian Adults (UCAP)
PI : Dr. Shawn Aaron
- 2018-2023 (\$25,000) (Site Principal Investigator)
School of Medicine, Queen's University
A randomized, controlled, clinical trial to address the burden of undiagnosed airflow obstruction in Canadian adults (UCAP) – Substudy "Assessment of airway inflammation in subjects with respiratory symptoms, with or without airway hyperresponsiveness, but without baseline airway obstruction"
PI : Dr. Louis-Phillipe Boulet
- 2019-2020 (\$25,259) (Principal Investigator)
Queen's University, William M. Spear/Richard K. Start Endowment Fund
The Electronic Asthma Performance Indicator (e-API) Project: Implementation and Evaluation
- 2019-2021 (\$174,987) (Principal Investigator)
Workers Compensation Board of Manitoba
Improving Detection of Work-related Asthma (IDEA Project): Validation of the Work-related Asthma Screening Questionnaire-Long Version (WRASQ(L))
- 2020-2022 (\$196,000) (Principal Investigator)
SEAMO Innovation Fund
Promoting Evidence-based Asthma Care: Use of Sentinel Surveillance for Quality Improvement (PEACSS-QI)
- 2020-2021 (\$11,255) (Co-Investigator)
Department of Surgery, Queen's University
Patient and Hospital Factors Associated with Thoracic Empyema Outcomes

Publications

Masters Thesis

- 1 **Lougheed MD.** Asthma Outcomes Evaluation: Analysis of an Asthma Education Database. 1999 (Master of Science awarded by Queen's University, October 1999.)

Book Chapters

- 1 **Lougheed MD**, O'Donnell D. Dyspnea in Asthma. In: Mahler D, O'Donnell D (ed). *Dyspnea: Mechanisms, Measurement and Management*, Second Edition. Lung Biology in Health and Disease. Vol. 208. Boca Raton: Taylor and Francis Group. 2005: 59-86.
- 2 **Lougheed MD**, Ora J, O'Donnell D.E. *Long-acting Muscarinic Antagonists in Asthma and COPD*. In: Advances in Combination Therapy for Asthma and COPD (J. Loetvall, Ed.). Shropshire, UK. Wiley-Blackwell Publications. 2012; 268-295.

Research Reports Produced for the Government

- 1 **Lougheed MD**, Szpiro K, Moyses P, Olajos-Clow J, Minard J, Wang M, Day A. *Ontario Hospital Association's Emergency Department Asthma Care Pathway: Pilot Project Evaluation Report*. Prepared for the Ontario Hospital Association and the Ontario Ministry of Health and Long-Term Care. Submitted on behalf of the Ontario Respiratory Outcomes Research Network. (317 pages). (March 2007; Revised May 2007).
- 2 **Lougheed MD**, Minard J. *Asthma Care Program Project Report: Revision of the Asthma Care Program Tools and Implementation Process*. Prepared for the Government of Ontario's Asthma Plan of Action, Ministry of Health and Long-Term Care. (January 2010).
- 3 **Lougheed MD**, Taite AK. *Asthma and COPD Data Elements for Electronic Medical Records in Ontario*. Prepared for the Government of Ontario's Asthma Plan of Action, Ministry of Health and Long-Term Care (March 2014).
- 4 **Lougheed MD**. *Pollution Exposure at Post and the Role of Surveillance Spirometry: A Report*. Prepared for Public Service Occupational Health Program (NCR) Regions and Programs Bureau Health Canada/Government of Canada. (March 2017).

Editorials and Letters

- 1 **Lougheed MD**. Chair's Letter. *Ontario Thoracic Reviews*. 2005;17 (1):2.
- 2 **Lougheed MD**. Asthma Guidelines: Making them happen. *Ontario Thoracic Reviews*. 2005; 17 (3):2.
- 3 To T, Gershon A, Guttman A, Dell S, Cicutto L, Wajji A, **Lougheed MD**. It is perhaps premature to abandon asthma as a disease concept. *The Lancet On-line*, 2006. www.thelancet.com/journals/lancet/article/PIIS014067350669257X.
- 4 Licskai CJ, **Lougheed MD**, To T, Tamari IE. Guideline translation to improve diagnostic accuracy and health outcomes. *CMAJ On-line*, January 2009. <http://www.cmaj.ca/cgi/content/full/179/11/1121>
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- 6 **Lougheed MD.** Canadian Thoracic Society Presidents Page. “From strategy to implementation...continuity and change”. *Can Respir J.* July/August 2015; 22 (4): 193-194.
- 7 **Lougheed MD.** Canadian Thoracic Society Presidents Page. “A new chapter”. *Can Respir J.* September/October 2015; 22 (5): 193-194.
- 8 **Lougheed MD.** Canadian Thoracic Society Presidents Page. ‘Living in Three Dimensions”. *Can Respir J* November/December 2015 22(6): 306-307.
- 9 **Lougheed MD, Moffatt S.** Ontario Thoracic Society, “Ronald Denis Wigle - A Tribute”, *The Ontario Thoracic Review*, Winter 2016-17, Volume 28, Issue 3.
- 10 **Lougheed MD.** Choosing wisely in the era of biologics for asthma. (Invited Guest Editorial) *Annals of Allergy, Asthma & Immunology* 2018 Apr; 120(4):345-346.

Peer-Reviewed

- 1 Graham TE, **Lougheed MD.** Thermal responses to exercise in the cold: influence of sex differences and alcohol. *Human Biology* 1985;57:687-98.
- 2 James A, **Lougheed MD,** Pearce-Pinto G, Ryan G, Musk B. Maximal airway narrowing in a general population. *Am Rev Respir Dis* 1992;146(4):895-9.
- 3 **Lougheed MD,** Pearce-Pinto G, deKlerk NH, Ryan G, Musk AW, James A. Variability of the plateau response to methacholine in subjects without respiratory symptoms. *Thorax* 1993;48:512-17.
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- 56 To T, Cicutto L, Haines T, Holness L, **Lougheed MD**, Tarlo S, Wajja A, McLimont S, Krstevska M, Vasilevaska-Ristovaska J. Estimating the burden of work-related asthma in Ontario: A provincial surveillance initiative. Poster presentation at 2007 Industrial Accident Prevention Association Conference, Toronto, Ontario.
- 57 **Lougheed MD**, Olajos-Clow J, Szpiro K, Moyse P, Julien B, Wang M, Day A. Evaluation of a multi-centre emergency department adult asthma care pathway pilot project. Presented at: 4th G-I-N Conference 2007, Toronto, Ontario; Canadian Network for Asthma Care's 8th National Conference on Asthma and Education (ASED 8), Halifax, Nova Scotia, November 15-18, 2007.

- 58 Minard J, Schlifer K., Jones K, Tamari I, Olajos-Clow J, **Lougheed MD**. Implementation of a primary care asthma program (PCAP) in Ontario. Presented at the Canadian Network for Asthma Care's 8th National Conference on Asthma and Education (ASED 8), Halifax, Nova Scotia, November 15-18, 2007.
- 59 Minard J, Garvey N, Sands TW, Licskai CJ, Jones K, **Lougheed MD**. Asthma electronic record for primary care: Development and pilot testing. Presented at the Ontario Respiratory Care Society Poster Session, Better Breathing Conference, Toronto, February 2008.
- 60 Chee A, Walsh R, Liss G, Forkert L, Munt P, **Lougheed MD**. Flock worker's lung: Natural history of cases and exposed controls in Kingston, Ontario. Presented at the Occupational and Environmental Airways Diseases/Thematic Poster Session, ATS International Conference 2008, Toronto, Ontario. *Am J Respir Crit Care Med* 2008; 177:A158.
- 61 Vozoris NT, **Lougheed MD**. Influenza vaccination among Canadians with chronic respiratory disease. Presented at The Complexity of Asthma in Diagnosis, Compliance, and Therapy/Thematic Poster Session, ATS International Conference 2008, Toronto, Ontario. *Am J Respir Crit Care Med* 2008; 177:A91.
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- 63 Aaron S, Vandemheen K, Ramotar K, Giesbrecht T, Tullis L, Freitag A, Paterson N, Ferris W, **Lougheed D**, Jackson M, Kumar V. Epidemic strains of *P. aeruginosa* in adult CF patients in Ontario, Canada – Prevalence and epidemiology. Presentation at the NACF Conference, Orlando, Florida, October 2008. *Pediatric Pulmonology*, 2008; Supplement 31:327.
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- 65 Gupta S, Wan FT, **Lougheed MD**, Chignell MH, Straus SE. Asthma action plans (AAPs): Variability in format and content. Poster presentation at the 2009 Canadian Respiratory Conference, Toronto, Ontario, April 2009. *Can Respir J* 2010; 17 (Supplement A); 45A.
- 66 Gupta S, Wan FT, **Lougheed MD**, Chignell MH, Straus SE. Asthma action plans (AAPs): Variability in format and content. Presented at the Educating Providers and Assessing Quality of Care in Pulmonary, Critical Care and Sleep Medicine/Poster Discussion, ATS International Conference, San Diego, California, May 2009. *Am J Respir Crit Care Med* 2009; 179:A5218.

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- 71 **Lougheed MD**, Dostaler SM, Fisher T. Methacholine-induced dynamic hyperinflation and gas trapping: A variant of cough variant asthma? Presented at the Clinical Issues in Cough/Thematic Poster Session, ATS International Conference, San Diego, California, May 2009. *Am J Respir Crit Care Med* 2009; 179:A5764.
- 72 Deesomchok A, Fisher T, Webb KA, **Lougheed MD**, O'Donnell DE. Impact of obesity and gender on perception of dyspnea during induced bronchoconstriction and dynamic lung hyperinflation in asthma. Presented at the Chronic Obstructive Pulmonary Disease Comorbidities/Thematic Poster Session, ATS International Conference, San Diego, California, May 2009. *Am J Respir Crit Care Med* 2009; 179:A2430.
- 73 Smith LJ, Brundage K, Nedvidek J, Stary Stein M, Muir C, Wilson M, Larson A, Zielinski D, **Lougheed MD**, van Wylick R. Developing an evidence-based lifespan education/transition program for persons with cystic fibrosis at a combined pediatric/adult

- care centre. Presented at the 23rd Annual Cystic Fibrosis Conference, Minneapolis, Minnesota, *Pediatric Pulmonology* 2009; Supplement 32: 434.
- 74 Dostaler S, Barrick K, Haines T, Holness L, Kudla I, Lemièrè C, Liss G, Tarlo S.M, To T, **Lougheed MD**. Development of a work-related asthma screening questionnaire and management algorithm. Presented at the AllerGen NCE 5th Annual Research Conference, Quebec City, February, 2010.
- 75 To T, Guttman A, **Lougheed MD**, Gershon A, Dell S, Wang C, McLimont S, Raul R, Stanbrook M. Developing asthma primary care performance indicators. Presented at the Improving the Quality and Delivering Lung Health Care Thematic Poster Session ATS International Conference, New Orleans, May 2010. *Am J Respir Crit Care Med* 2010; 181:A1454.
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- 77 **Lougheed MD**, Dostaler SM, Fisher T. Symptom perception in asthma: Repeatability of perception scores for dynamic hyperinflation and bronchoconstriction. Presented at the Diagnosis and Treatment of Asthma Poster Discussion Session ATS International Conference, New Orleans, May 2010. *Am J Respir Crit Care Med* 2010; 181:A6650.
- 78 Thomas N, Minard JP, **Lougheed MD**. Primary Care Asthma Programs' Asthma Care Map: Use for SNOMED-CT® and LOINC® to standardize terminology for electronic health records. Presented at the Global Perspectives to Understanding and Improving Respiratory Care through Health Research Thematic Poster Session ATS International Conference, New Orleans, May 2010. *Am J Respir Crit Care Med* 2010; 181:A4294. Presented at the Ontario Respiratory Care Society, Better Breathing Conference, Toronto, January 2011.
- 79 **Lougheed M.D**, Dostaler SM, Minard JP, Olajos-Clow J, Sands T.W, Lieskai C.J, To T. Use of primary care asthma electronic records for performance measurement: Is it feasible? Presented at the Improving the Quality and Delivering Lung Health Care Thematic Poster Session, ATS International Conference, New Orleans, May 2010. *Am J Respir Crit Care Med* 2010; 181:A1462. Presented at Canadian Network for Respiratory Care Conference, Gatineau, Quebec, November 2011.
- 80 Taite A, Olajos-Clow J, Zielinski D, **Lougheed MD**. Promoting evidence-based asthma care through knowledge translation (PEACKT): Development of a regional asthma care network. Poster presentation at the Canadian Respiratory Conference, Halifax, Nova Scotia, April 2010. *Can Respir J* 2010; 17 (Supplement B);10B. Presented at Ontario Respiratory Care Society, Better Breathing Conference, Toronto, January 2011
- 81 Heffernan P, Day A, Lam M, **Lougheed MD**. Socioeconomic Status of Adult Patients with Asthma utilizing Emergency Departments in Ontario Canada. Poster presentation at the

Canadian Respiratory Conference, Halifax, Nova Scotia, April 2010 and at the Queen's University Department of Medicine Annual Research Day, Kingston, Ontario, May 2010. *Can Respir J* 2010; 17 (Supplement B);14B

- 82 Barrick K, Lévesque LE, Dostaler S, Pickett W, Liss G, Tarlo S.M, **Lougheed MD**. Compensated Work-Related Asthma in Ontario: A Data Linkage Analysis. Poster presentation at the CIHR YI Forum, Vancouver, British Columbia, May 2010 and at the 2010 CSEB National Student Conference, Queen's University, Kingston, Ontario, May 2010.
- 83 Turcotte SE, Fisher T, Fisher JT, Brannan JD, **Lougheed MD**. Physiology of Cough in Asthma: Sensory-mechanical Responses to Mannitol Challenge. Presented at the Cough and Airway Responsiveness: Co-Morbidities Thematic Poster Session, American Thoracic Society International Conference, Denver, May 2011. *Am. J. Respir. Crit. Care Med.* 183: A5541.
- 84 Minard JP, Thomas N, Olajos-Clow J, Juniper EF, Jiang X, Jenkins B, Tait AK, Turcotte S, **Lougheed MD**. Validation of an Electronic Version of the Pediatric Caregiver's Asthma Quality of Life Questionnaire (PACQLQ). Presented at the Measuring Adherence and Quality Life Thematic Poster Session, American Thoracic Society International Conference, Denver, May 2011. *Am. J. Respir. Crit. Care Med.* 183: A1432. Presented at Canadian Network for Respiratory Care Conference, Gatineau, Quebec, November 2011.
- 85 Minard JP, Thomas N, Olajos-Clow J, Juniper EF, Jiang X, Jenkins B, Tait AK, Turcotte S, **Lougheed MD**. Validation of an Electronic Version of the Mini Pediatric Asthma Quality of Life Questionnaire (Mini PAQLQ). Presented at the Measuring Adherence and Quality Life Thematic Poster Session, American Thoracic Society International Conference, Denver, May 2011. *Am. J. Respir. Crit. Care Med.* 183: A1433. Presented at Canadian Network for Respiratory Care Conference, Gatineau, Quebec, November 2011. Presented at Ontario Respiratory Care Society, Better Breathing Conference, Toronto, January 2012. (*Margaret Fitch Award to J Olajos-Clow for Best Poster by an ORCS Investigator*).
- 86 Minard JP, Thomas N, Olajos-Clow J, Juniper EF, Jiang X, Jenkins B, Tait AK, Turcotte S, **Lougheed M.D**. Burden of Childhood Asthma: Relationship between Pediatric and Caregiver Electronic Quality of Life Questionnaires. Presented at the Measuring Adherence and Quality Life Thematic Poster Session, American Thoracic Society International Conference, Denver, May 2011. *Am. J. Respir. Crit. Care Med.* 183: A1435. Presented at Canadian Network for Respiratory Care Conference, Gatineau, Quebec, November 2011. Presented at the Ontario Respiratory Care Society, Better Breathing Conference, Toronto, January 2012.
- 87 Dostaler SM, Olajos-Clow J, Turcotte SE, Minard JP, Holness D.L, Haines T, Kudla I, Lemièrè C, To T, Liss G, Tarlo S.M, **Lougheed M.D**. Development And Validation Of A Work-related Asthma Screening Questionnaire. Presented at the Asthma and COPD in the Workplace Thematic Poster Session, American Thoracic Society International Conference, Denver, May 2011. *Am. J. Respir. Crit. Care Med.* 183: A1177.

- 88 Taite AK, Olajos-Clow J, Minard JP, Flavin M., Zielinski D, **Lougheed MD**. Promoting Evidence-based Asthma Care and Knowledge Translation (PEACKT): Identification of the Needs of Patients and Parents of Children with Asthma in a Regional Asthma Network. Presented at the Can We Improve Quality and Reduce Cost of Care? Thematic Poster Session, American Thoracic Society International Conference, Denver, May 2011. *Am. J. Respir. Crit. Care Med.* 183: A2923. Presented at Canadian Network for Respiratory Care Conference, Gatineau, Quebec, November 2011.
- 89 To T, McLimont S, Daly C, Moores G, **Lougheed MD**, Gerson AS. How Feasible is it to Collect Data on Asthma Care Performance in the Primary Care Setting? Presented at the Can We Improve Quality and Reduce Cost of Care? Thematic Poster Session, American Thoracic Society International Conference, Denver, May 2011. *Am. J. Respir. Crit. Care Med.* 183: A2921.
- 90 deBoer K, Vandemheen L, Tullis E, Doucette S, Fergusson D, Freitag A, Paterson N, Jackson M, **Lougheed MD**, Kumar V, Aaron SD. Relationship Between Exacerbation Frequency and Clinical Outcomes in Patients with Cystic Fibrosis. Presented at the Adult Cystic Fibrosis: Advances in Treatment and Understanding of Mechanisms of Disease Thematic Poster Session American Thoracic Society International Conference, Denver, May 2011. *Am. J. Respir. Crit. Care Med.* 183: A1113.
- 91 Heffernan PM, Day A, Wang M, Lam M, **Lougheed MD**. Socioeconomic deprivation and emergency department use in Ontario, Canada: A poisson regression analysis. Presented at CHEST Conference, Honolulu, Hawaii, October 2011. *Chest* 2011 140:4 227A; doi10.1378/chest.1113999
- 92 Barrick K, Lévesque LE, Dostaler S, Pickett W, Liss G, Tarlo S.M, **Lougheed MD**. Compensated Work-Related Asthma in Ontario: A Data Linkage Analysis. Presented at AllerGen NCE 7th Annual Research Conference, Toronto, Ontario, February 2012.
- 93 Killorn K, Dostaler S, Groome PA, **Lougheed MD**. The Work-related Asthma Screening Questionnaire (Long version) (WRASQ(L)): Reliability and Effect on Provider Behaviour. Presented at AllerGen NCE 7th Annual Research Conference, Toronto, Ontario, February 2012. Presented at the XXI World Congress of Asthma, Quebec City, Quebec August 2012.
- 94 Graham C, Smith M, Olajos Clow J, Taite A, **Lougheed MD**. AsthmaLife®: Development of an Asthma Community of Practice. Presented at the Kingston General Hospital Annual Nursing Research Conference Patient Safety: A Focus for Nursing Research Session, Kingston, Ontario, March 2012.
- 95 Guenette JA, **Lougheed MD**, Webb KA, O'Donnell DE. Superior athletic performance in an 86 year-old woman with advanced obstructive lung disease. Presented at the General Pulmonary Thematic Poster Session-Poster Presentation, American Thoracic Society International Conference, San Francisco, California, May 2012. *Am J Respir Crit Care Med* 2012;185:A2972

- 96 **Lougheed MD**, Turcotte SE, Dostaler SM, Fisher T. Short and long-term repeatability of asthma symptoms perceptions scores. Presented at the Asthma Therapy: New Findings on Established Treatments Thematic Poster Session-Poster Presentation American Thoracic Society International Conference, San Francisco, California, May 2012. *Am J. Respir Crit Care Med* 2012; 185: A4230.
- 97 Minard JP, Juurlink MA, Madeley C, Van Dam A, **Lougheed MD**. Asthma/COPD data set and definitions: Environmental scan of electronic health records. Presented at the Clinical Outcomes Research Methodology Mini Symposium Oral Presentation, American Thoracic Society International Conference, San Francisco, California, May 2012. *Am. J. Respir. Crit. Care Med.* 185: A2456. Presented at the Ontario Respiratory Care Society, Better Breathing Conference, Toronto, January 2013.
- 98 Turcotte SE, Fisher T, Fisher JT, Brannan JD, **Lougheed MD**. Comparison of mechanical responses to methacholine and mannitol challenges in individuals with airway hyperresponsiveness. Presented at the Airway Structure and Function Thematic Poster Session-Poster Presentation, American Thoracic Society International Conference, San Francisco, California, May 2012. *Am. J. Respir. Crit. Care Med.* 185: A3567.
- 99 To T, Stanojevic S, Dell S, **Lougheed MD**, Zheng H, McLimont S, Gershon AS. The prevalence of severe asthma in Ontario, Canada from 2001 to 2009. Presented at the Determinants of Control and Severity of Asthma and COPD Poster Discussion Session-Poster Presentation, American Thoracic Society International Conference, San Francisco, California, May 2012. *Am. J. Respir. Crit. Care Med.* 185: A5228. Presented at the Canadian Respiratory Conference, Quebec City, Quebec. April 2013.
- 100 Yeung M, Ferrone M, Taite A, Madeley C, Stevens Lavigne A, To T, **Lougheed MD**, Cafazzo J, Licskai C. *breathe*: The development of a Canadian Asthma Self-Management Web Application. Presented at the Canadian Respiratory Conference, Quebec City, Quebec. April 2013, and COACH e-Health 2013 Conference, Ottawa Ontario, May 2013.
- 101 Olajos-Clow J, Athron S, Martin S, Madeley C, Jabbour M, **Lougheed MD**. Provincial Implementation of an Emergency Department Asthma Care Pathway: Lessons learned in Knowledge translation. Presented at the Canadian Respiratory Conference, Quebec City, Quebec. April 2013.
- 102 Athron S, Olajos-Clow J, **Lougheed MD**, Ducharme FM, Jabbour M. Emergency Department Asthma Care Pathway Initiative of the Ontario Lung Association. Presented at the Canadian Respiratory Conference, Quebec City, Quebec. April 2013.
- 103 Killorn KR, Dostaler SM, Groome PA, **Lougheed MD**. Assessment of the use of a work-related asthma screening questionnaire in a primary care asthma program. Presented at the Advances in Understanding Occupational Respiratory Effects Thematic Poster Session, American Thoracic Society International Conference, Philadelphia, PA. May 2013. *Am. J. Respir. Crit. Care Med* 187;2013:A4492. Presented at the moderated themed session “Asthma Clinical Management”, Canadian Respiratory Conference, April 2014.

- 104 Barrick K, Levesque LE, Dostaler S, Pickett W, Liss G, Tarlo SM, **Lougheed MD**. Estimating the burden of work-related asthma using compensation and administrative data linkage. Presented at the Occupational and Environmental Determinants of Lung Function Poster Discussion Session, American Thoracic Society International Conference, Philadelphia, PA. May 2013. *Am. J. Respir. Crit. Care Med* 187;2013: A3664
- 105 Minard JP, Licskai C, Sands T, Juniper E, Jenkins B, Taite AK, Olajos-Clow JG, **Lougheed MD**. Feasibility and utility of electronic asthma quality of life questionnaires (AQLQs) in primary care. (PC). Presented at the Pediatric Asthma Risk and Prevalence Poster Session - Poster Presentation, American Thoracic Society International Conference, Philadelphia, PA. May 2013. *Am. J. Respir. Crit. Care Med* 187;2013:A2584. Poster Presentation at the ORCS Better Breathing Conference, January 2014.
- 106 Riolo G, **Lougheed MD**. Association Between Severe Asthma and CFTR Mutation. Poster presentation at Queen's University Resident Research Day, May 2013
- 107 Cheung M, Levesque L, **Lougheed MD**. The Risk of Serious Respiratory-Related Events following immunization with the Quadrivalent Human Papillomavirus Vaccine: The Ontario Grade 8 HPV Vaccine Cohort Study. Poster presentation at the Canadian Society for Epidemiology and Biostatistics (CSEB) 2013 National Student Conference, June 2013.
- 108 Yeung M, McCurdie T, So S, McDaniel C, Hamming N, Mei A, Gelmi S, Stevens Lavigne A, Madeley C, Licskai C, **Lougheed MD**, Cafazzo J. Design and Development of Breathe: An Asthma Self-Management App. Presented at Medicine 2.0 World Congress, London, England, September 2013.
- 109 Madeley C, Yeung M, Ferrone M, Taite A, Stevens Lavigne A, To T, **Lougheed MD**, Cafazzo J, Licskai C. Breathe: The Development of a Canadian Asthma Self-Management Web Application. Presented at the Canadian Network for Respiratory Care (CNRC) Conference, Lake Louise, Alberta, November 2013.
- 110 Wasilewski NV, Fisher JT, **Lougheed MD**. Characterization of Impulse Oscillometry during High-dose Methacholine in Asthma. Presented at the Airway Hyperresponsiveness: Manifestations and Mechanisms Thematic Poster Session, American Thoracic Society International Conference, San Diego, California, May 2014. *Am. J. Respir. Crit. Care Med* 189; 2014: A3527
- 111 To T, Simatovic J, Feldman L, Zhu J, **Lougheed MD**, Dell SD, Licskai C, Gershon AS. 10-Year Mortality Trends in the Asthma Population. Presented at the Asthma Epidemiology Poster Session, American Thoracic Society International Conference, San Diego, California, May 2014. *Am. J. Respir. Crit. Care Med* 189; 2014: A2290
- 112 To T, Zhu J, Simatovic J, Feldman L, Gershon AS, Dell SDM, Licskai C, **Lougheed MD**. Emergency Department Asthma Relapse-Who Is at Risk? A Population-Based Study in Ontario, Canada from 2003 to 2012. Presented at the Asthma Epidemiology Poster Session, American Thoracic Society International Conference, San Diego, California, May 2014. *Am. J. Respir. Crit. Care Med* 189; 2014: A2289

- 113 To T, Zhu J, Simatovic J, Feldman L, Gershon AS, **Lougheed MD**, Licskai C, Dell SDM. Frequent Health Services Use in the Year Prior to Death – A Marker for Asthma Mortality? Presented at the Asthma Epidemiology Poster Session, American Thoracic Society International Conference, San Diego, California, May 2014. *Am. J. Respir. Crit. Care Med* 189; 2014: A2291
- 114 Smith LJ, Staples P, **Lougheed MD**, Buchanan S. Adult Depression Screening in Cystic Fibrosis. Presented at the 2014 North American Cystic Fibrosis Conference, Atlanta, Georgia, October 2014. *Ped Pulmonol* 2014; 49(S38):443
- 115 To T, Zhu J, Larson K, Williams D, Simatovic J, Gershon A, **Lougheed MD**, Licskai C, Chen H, Villeneuve P, Crighton E, Su Y, Sadatsafavi M, Carlsten C. Progression from Asthma to Asthma and COPD Overlap Syndrome (ACOS): Is Air Pollution a Risk Factor? Presented at the Indoor and Outdoor pollution: Epidemiology and Mechanisms Poster Discussion Session, American Thoracic Society International Conference, Denver Colorado, May 2015. *Am. J. Respir. Crit. Care Med* 191; 2015: A5239.
- 116 Wasilewski NV, Fisher T, Turcotte SE, Fisher JT, **Lougheed MD**. Bronchodilating and Bronchoprotective Effects of Deep Inspirations in Asthma, Cough Variant Asthma and Methacholine-Induced Cough but Normal Airway Sensitivity. Presented at the Sensations in the Lung: Cough and Constricting Poster Discussion Session, American Thoracic Society International Conference, Denver Colorado, May 2015. *Am. J. Respir. Crit. Care Med* 191; 2015: A4115.(Awarded the Harry Abramsky Charitable Foundation Fund)
- 117 Kendzerska T, Sadatsafavi M, Aaron SD, To TM, **Lougheed MD**, FitzGerald JM, A.S. Gershon AS. Trends in Asthma-Chronic Obstructive Pulmonary Disease Overlap Syndrome Prevalence, Incidence and Mortality in Ontario, Canada: A Population Study. Presented at the Focus on Research and Patient Care Poster Discussion Session, American Thoracic Society International Conference, Denver Colorado, May 2015. *Am. J. Respir. Crit. Care Med* 191; 2015: A6165.
- 118 Kendzerska T, To TM, Aaron SD, **Lougheed MD**, Sadatsafavi M, FitzGerald JM, Gershon AS. Long-Term Adverse Health Consequences Associated with a History of Asthma in Patients with Chronic Obstructive Pulmonary Disease: An Observational Population Cohort Study. Presented at the COPD: Focus on Research and Patient Care Poster Discussion Session, American Thoracic Society International Conference, Denver Colorado, May 2015. *Am. J. Respir. Crit. Care Med* 191; 2015: A6166.
- 119 Kwok C, Levesque L, **Lougheed MD**. Emergency Department Visits and Hospitalizations for Asthma in Adults: Analysis of Provincial Administrative Data and Ed Site Characteristics. Poster presentation at Queen’s University Resident Research Day, May 2015.
- 120 O’Loghlen S, Levesque L, **Lougheed MD**. Health Care Utilization for asthma: Is abnormal symptom perception a risk factor? Poster presentation at Queen’s University Resident Research Day, May 2015.

- 121 Taite A, Minard J, Ferrone M, Licskai C, To T, **Lougheed MD**. AsthmaLife® portal: Supporting Clinical Care and Research at the Point of Care. Presented at the European Respiratory Society 2015 International Congress, Amsterdam, Netherlands, September 2015. *Eur Respir J* September 2015 46:PA2787; doi:10.1183/13993003.congress-2015.PA278. (Also Presented at the Ontario Lung Association's Better Breathing Conference, January 2016 and Canadian Respiratory Conference, Halifax, Nova Scotia, April 2016.)
- 122 **Lougheed MD**, Schooley J, Taite A, To T, Barber D. *AsthmaLife*®: Integrating Performance Evaluation into the Process of Asthma Care. Presented at ORCS Better Breathing Conference, January 2016.
- 123 Licskai C, Ferrone M, Taite A, Madeley C, Stevens Lavigne A, To T, Yeung M, Cafazzo J, Day AG, **Lougheed MD**. The evaluation of Breathe - A patient mobile health (mHealth) App for Adult Asthma. Presented at the Technology for Disease Identification and Management in Pulmonary and Critical Care Poster Discussion Session, American Thoracic Society International Conference, San Francisco, California, May 2016. *Am. J. Respir.* 193; 2016: A1084.
- 124 O'Loghlen S, Levesque L, Fisher T, Liu G, To T, **Lougheed MD**. Symptom Perception and Health Care Utilization for Asthma: Clinical Relevance of Abnormal Perception of Bronchoconstriction and Dynamic Hyperinflation. Presented at the Asthma: Observational Studies Thematic Poster Session, American Thoracic Society International Conference, San Francisco, California, May 2016. *Am. J. Respir.* 193; 2016: A1718.
- 125 Kwok C, Levesque L, Liu G, Olajos-Clow J, Madeley C, Athron S, Styling G, To T, **Lougheed MD**. Implementation of Ontario's Emergency Department Asthma Care Pathway: Determinants of Uptake. Presented at the Strategies to Improve Care Quality in Pulmonary and Critical Illness Poster Discussion Session, American Thoracic Society International Conference, San Francisco, California, May 2016. *Am. J. Respir.* 193; 2016: A4366.
- 126 **Lougheed MD**, Levesque L, O'Loghlen S, Fisher T, DeWitt Y, To T. Poor perception of bronchoconstriction and hyperinflation and risk of acute asthma exacerbations; A data linkage analysis. Accepted for presentation at the Functional Assessment of the Airways, Thematic Poster Presentation, European Respiratory Society 2016 International Congress, London, England, September 2016. *Eur Respir J* 2016; 48 (Suppl 60): PA4128; DOI: 10.1183/13993003.congress-2016.PA4128.
- 127 Riolo G, Dai CE, Rodrigues KM, Day A, **Lougheed MD**. Association between Severe Asthma and CFTR mutations. Presented at the Allergy-Asthma Session, CHEST Annual Meeting, Los Angeles, California, October 2016. *CHEST*. 2016; 150(4S):8A. doi: 10.1016/j.chest.2016.08.011. Also presented at the Canadian Respiratory Conference, Montreal, Quebec, April 2017. *Canadian Journal of Respiratory, Critical Care and Sleep Medicine* 2017; 1(3):152.
- 128 Riolo G, Dai CE, Rodrigues, KM, Day A, **Lougheed MD**. Is Severe Asthma a CFTR-Related Disorder? Presented at the 2016 North American CF Conference, Orlando, Florida,

- October 2016 and at the Canadian Respiratory Conference, April 2017. *Pediatric Pulmonology* 2016; 51 (S45): S194–S485. *Can J Respir Crit Care and Sleep Med* 2017; 1(2): 90-116.
- 129 Taite A, Podgers D, Moyse P, Olajos-Clow J, Schooley J, Day A, **Lougheed MD**. Asthma Management and Outcomes Monitoring System (AMOMS): Use of Standardized Data Elements and e-Tools to Support Patient Care, Self-Management and Program Evaluation. Presented at: ORCS Better Breathing Conference, January 2017; Canadian Respiratory Conference, April 2017. *Can J Respir Crit Care and Sleep Med* 2017; 1(2): 90-116.
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